

## Golgi To ER Traffic Protein 4 Human Recombinant

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|------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Item Number</b>                       | rAP-4124                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Synonyms</b>                          | Golgi to ER traffic protein 4 homolog (S. cerevisiae), C7orf20, CEE, CGI-20, TRC35, Golgi to ER traffic protein 4 homolog, Conserved edge-expressed protein, Transmembrane domain recognition complex 35 kDa subunit, GET4.                                                                                                                                                                                       |
| <b>Description</b>                       | GET4 Human Recombinant produced in E. coli is. a single polypeptide chain containing 350 amino acids (1-327) and having a molecular mass of 38.9kDa. GET4 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.                                                                                                                                                 |
| <b>Uniprot Accession Number</b>          | Q7L5D6                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Amino Acid Sequence</b>               | MGSSHHHHH SSGLVPRGSH MGSMAAAAAM AEQESARNGG RNRGGVQRVE GKLRASVEKG<br>DYVEAHQMYR TLFFRYMSQS KHTEARELMY SGALLFFSHG QQNSAADLSM LVLESLEKAE VEVADEL-<br>LEN LAKVFSMLDP NSPERVTFVS RALKWSSGGS GKLGHPRHQ LLALTWKEQ NYCESRYHFL<br>HSADGEGCAN MLVEYSTSRG FRSEVDMFVA QAVLQFLCLK NKSSASVVFT TYTQKHPSE DGPPFVE-<br>PLL NFIWFLLLAV DGGKLTFTV LCEQYQPSLR RDPMYNEYLD RIGQLFFGVP PKQTSSYGGL LGN-<br>LLTSLMG SSEQEDGEES PSDGSPIELD. |
| <b>Source</b>                            | Escherichia Coli.                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Physical Appearance and Stability</b> | Sterile Filtered clear solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.                                                                                                                                              |
| <b>Formulation and Purity</b>            | The GET4 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 10% glycerol and 0.4M Urea. Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                      |
| <b>Application</b>                       |                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Solubility</b>                        |                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Biological Activity</b>               |                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Shipping Format and Condition</b>     | Lyophilized powder at room temperature.                                                                                                                                                                                                                                                                                                                                                                           |

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**