

## Peroxisomal Biogenesis Factor 26 Human Recombinant

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|------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Item Number</b>                       | rAP-4532                                                                                                                                                                                                                                                                                                   |
| <b>Synonyms</b>                          | PBD7A, PBD7B, PEX26M1T, Pex26pM1T, Peroxisome assembly protein 26, PEX26.                                                                                                                                                                                                                                  |
| <b>Description</b>                       | PEX26 Human Recombinant produced in E. coli is a single polypeptide chain containing 269 amino acids (1-246) and having a molecular mass of 29.3kDa. PEX26 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.                                         |
| <b>Uniprot Accession Number</b>          | Q7Z412                                                                                                                                                                                                                                                                                                     |
| <b>Amino Acid Sequence</b>               | MGSSHHHHH SSGLVPRGSH MGSMKSDSST SAAPLRGLGG PLRSSEPVRA VPARAPAVDL LEE-AADLLVV HLDFAALET CERAWQSLAN HAVAEEPAGT SLEVKCSLCV VGIQALAEMD RWQEVLSWVL QYYQVPEKLP PKVLELCILL YSKMQEPGAV LDVVGAWLQD PANQNLPEYG ALAEFHVQRV LLPLGCL-SEA EELVVGSAAF GEERRLDVLQ AIHTARQQQK QEHS GS EEAQ KPNLEGSVSH KFLSLPMLVR QLWDSAVSH. |
| <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 PEX26 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 20% glycerol and 1mM DTT. 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**