

Serine/Threonine Kinase 16 Human Recombinant

| | |
|--|---|
| Item Number | rAP-1821 |
| Synonyms | Serine/threonine-protein kinase 16, Myristoylated and palmitoylated serine/threonine-protein kinase, MPSK, Protein kinase PKL12, TGF-beta-stimulated factor 1, TSF-1, Tyrosine-protein kinase STK16, hPSK, STK16, MPSK1, PKL12, TSF1, KRCT. |
| Description | STK16 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 329 amino acids (1-305 a.a) and having a molecular mass of 37.2kDa. STK16 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. |
| Uniprot Accesion Number | O75716 |
| Amino Acid Sequence | MGSSHHHHH SSGLVPRGSH MGSHMGHALC VCSRGTVID NKRYLFIQKL GEGGFSYVDL VEGLHDGHFY ALKRILCHEQ QDREEAQREA DMHRLFNHPN ILRLVAYCLR ERGAKHEAWL LLPFFKRGTL WNEIERLKDK GNFLTEDQIL WLLLGICRGL EAIHAKGYAH RDLKPTNILL GDEGQPVLMD LGSMNQACIH VEGSRQALTL QDWAAQRCTI SYRAPELFSV QSHCVIDERT DVWSLGCVLY AMMFGEOPYD MVFQKGDSVA LAVQNQLSIP QSPRHSSALR QLLNSMMTVD PHQRPHIPLL LSQLEALQPP APGQHTTQI. |
| Source | Escherichia Coli. |
| Physical Appearance and Stability | Sterile Filtered colorless 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. |
| Formulation and Purity | STK16 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 20% glycerol, 0.1M NaCl and 1mM DTT. Greater than 90.0% as determined by SDS-PAGE. |
| Application | |
| Solubility | |
| Biological Activity | |
| Shipping Format and Condition | 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**