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32-3115: STK16 Recombinant Protein

Alternative Name :	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

Source : Escherichia Coli. 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. Serine/threonine-protein kinase 16 (STK16) is a membrane-associated protein kinase which phosphorylates on serine and threonine residues. STK16 is involved in secretory vesicle trafficking or intracellular signaling. Furthermore, the STK16 protein may have a role in regulating stromal-epithelial interactions which occur during ductal morphogenesis in the mammary gland. STK16 can autophosphorylate on Tyr residue; it is however unclear whether STK16 has tyrosine-protein kinase toward other proteins. STK16 may also be involved in TGF-beta signaling.

Product Info

Amount :	20 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	STK16 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 20% glycerol, 0.1M NaCl and 1mM DTT.
Storage condition :	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.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGSHMGHALC VCSRGTVIID NKRYLFIQKL GEGGFSYVDL VEGLHDGHFY ALKRILCHEQ QDREEAQREA DMHRLFNHPN ILRLVAYCLR ERGAKHEAWL LLPFFKRGTL WNEIERLKDK GNFLTEDQIL WLLLGICRGL EAIHAKGYAH RDLKPTNILL GDEGQPVLMD LGSMNQACIH VEGSRQALTL QDWAAQRCTI SYRAPELFSV QSHCVIDERT DVWSLGCVLY AMMFGEGPYD MVFQKGDSVA LAVQNQLSIP QSPRHSSALR QLLNSMMTVD PHQRPHIPLL LSQLEALQPP APGQHTTQI.