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32-5199: Recombinant Human Unconventional SNARE In The ER 1

Alternative Name :	Vesicle transport protein USE1,Putative MAPK-activating protein PM26,USE1-like protein,p31,USE1L,MDS032,Q-SNARE,SLT1,SNARE-Like Tail-Anchored Protein 1 Homolog,Protein P31.

Description

Source : Escherichia Coli. USE1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 254 amino acids (1-231 a.a) and having a molecular mass of 28.3kDa.USE1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. USE1 Belongs to the USE1 family, this protein is a vesicle transport protein. USE1 is a component of a SNARE complex consisting of STX18, USE1L, BNIP1/SEC20L and SEC22B. In addition USE1 interacts directly with STX18. SNARE may be involved in targeting and fusion of Golgi-derived retrograde transport vesicles with the ER. Diseases associated with USE1 comprise dysentery and hemolytic-uremic syndrome. Among its related super-pathways are Nicotine Pathway (Dopaminergic Neuron) and Pharmacodynamics. GO annotations related to this gene include protein binding.

Product Info

Amount :	10 µg
Purification :	Greater than 80.0% as determined by SDS-PAGE.
Content :	USE1 protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 10% 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 MGSMAASRLE LNLVRLLSRC EAMAAEKRDP DEWRLEKYVG ALEDMLQALK VHASKPASEV INEYSWKVDF LKGMLQAEKL TSSSEKALAN QFLAPGRVPT TARERVPATK TVHLQSRARY TSEMRSELLG TDSAEPEMDV RKRTGVAGSQ PVSEKQSAAE LDLVLQRHQN LQEKLAEEML GLARSLKTNT LAAQSVIKKD NQTLSHSLKM ADQNLEKLKT ESERLEQHTQ KSVN