

## 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 EAMAAEKRPD DEWRLEKYVG  
ALEDMLQALK VHASKPASEV INEYSWKVDF LKGMLQAEKL TSSSEKALAN QFLAPGRVPT TARERVPATK  
TVHLQSRARY TSEMRSELLG TDSAEPMDV RKRTGVAGSQ PVSEKQSAAE LDLVLQRHQN  
LQEKLAEEML GLARSLKTNT LAAQSVIKKD NQTLSHSLKM ADQNLEKLT ESERLEQHTQ KSVN

