9051 Mira Mesa Blvd, #910094
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USE1 Human

Unconventional SNARE In The ER 1 Human Recombinant
RCP2523

Product Overview

Name	USE1 Human
Description	
Unconventional SNARE In The ER 1 Human Recombinant	
Accession (Primary)	Q9NZ43
Synonyms	
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.	
Introduction	
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.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
USE1 protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 10% glycerol, 0.1M NaCl and 1mM DTT.	
Stability	
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.	
Purity	
Greater than 80.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS MAASRLE LNLVRLLSRC EAMAAEKRDP DEWRLEKYVG ALEDMLQALK VHASKPASEV INEYSWKVDF LKGMLQAEKL TSSSEKALAN QFLAPGRVPT TARERVPATK TVHLQSRARY	

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TSEMRSELLG TDSAEPEMDV RKRTGVAGSQ PVSEKQSAAE LDLVLQRHQN LQEKLAEEML GLARSLKTNT LAAQSVIKKD NQTLSHSLKM ADQNLEKLKT ESERLEQHTQ KSVN

Precautions

USE1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9NZ43)