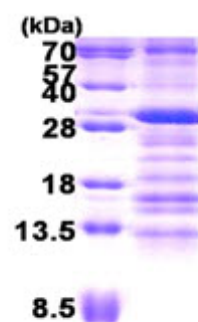


AR50923PU-N

Human USE1 (1-231, His-tag) - Purified

Alternate names:	MDS032, Protein p31, Putative MAPK-activating protein PM26, USE1-like protein, USE1L, Vesicle transport protein USE1
Quantity:	0.1 mg
Concentration:	0.25 mg/ml (determined by Bradford assay)
Background:	USE1, as known as P31, is a vesicle transport protein. This protein is a component of a SNARE complex consisting of STX18, USE1L, BNIP1/SEC20L and SEC22B. It interacts directly with STX18. SNARE may be involved in targeting and fusion of Golgi-derived retrograde transport vesicles with the ER.
Uniprot ID:	Q9NZ43
NCBI:	NP_060937
GeneID:	55850
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >80% by SDS - PAGE Buffer System: 20 mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.1M NaCl, 1mM DTT
Description:	Recombinant human USE1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography. AA Sequence: MGSSHHHHH SGLVPRGSH MGSMAASRL E LNLVRLLSRC EAMAAEK RDP DEWRLEKYVG ALEDMLQALK VHASKPASEV INEYSWKVDF LKGM LQAEKL TSSSEKALAN QFLAPGRVPT TARERVPATK TVHLQSRARY TSEMRSELLG TDSAEP EMDV RKRTGVAGSQ PVSEKQSAAE LDLVLQRHQ N LQEKLAEEML GLARSLKTNT LAAQSVIKKD NQTLSHSLKM ADQNLEKLKT ESERLEQHTQ KSVN Molecular weight: 28.3 kDa (254aa) confirmed by MALDI-TOF
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Meiringer CT. et al. (2011) J Biol Chem. 286:25039-25046 Dilcher M. et al. (2003) EMBO J. 22(14):3664-74.

Pictures:



15% SDS-PAGE (3ug)