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Product datasheet for AR50395PU-S

CHMP1B (1-199, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	CHMP1B (1-199, His-tag) human recombinant protein, 20 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSHMSNMEK HLFNLKFAAK ELSRSAKKCD KEEKAEKAKI KKAIQKGNME VARIHAENAI RQKNQAVNFL RMSARVDAVA ARVQTAVTMG KVTKSMAGVV KSMDATLKTM NLEKISALMD KFEHQFETLD VQTQQMEDTM SSTTTLTTPQ NQVDMLLQEM ADEAGLDLNM ELPQGQTGSV GTSVASAEQD ELSQRLARLR DQV
Tag:	His-tag
Predicted MW:	24.7 kDa
Concentration:	lot specific
Purity:	>85% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 20% glycerol, 0.1M NaCl, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human CHMP1B protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.
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.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_065145
Locus ID:	57132
UniProt ID:	Q7LBR1
Cytogenetics:	18p11.21
Synonyms:	C10orf2; C18-ORF2; C18orf2; CHMP1.5; hVps46-2; Vps46-2; Vps46B

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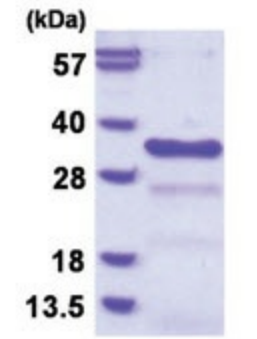
Summary: CHMP1B belongs to the chromatin-modifying protein/charged multivesicular body protein (CHMP) family. These proteins are components of ESCRT-III (endosomal sorting complex required for transport III), a complex involved in degradation of surface receptor proteins and formation of endocytic multivesicular bodies (MVBs). Some CHMPs have both nuclear and cytoplasmic/vesicular distributions, and one such CHMP, CHMP1A (MIM 164010), is required for both MVB formation and regulation of cell cycle progression (Tsang et al., 2006 [PubMed 16730941]).[supplied by OMIM, Mar 2008]

Protein Families: Druggable Genome

Protein Pathways: Endocytosis

Product images:



15% SDS-PAGE (3ug)

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