

CHMP1B recombinant protein

CHMP1B, 1-199aa, Human, His tag, E Coli

CATALOG # AAA48778	HOST E Coli	APPLICATIONS SDS-Page
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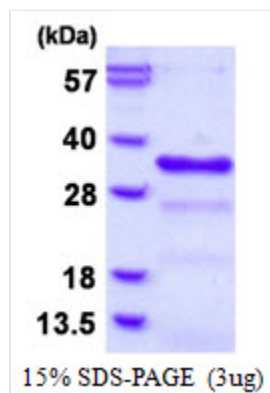
PRODUCT SYNONYMS

CHMP1B; 1-199aa; Human; His tag; E Coli; Charged multivesicular body protein 1b; C10orf2; C18-ORF2; C18orf2; CHMP1.5; hVps46-2; Vps46-2; Vps46B; CHMP1B recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 85% by SDS-PAGE
Form/Format	Liquid. 20mM Tris-HCl Buffer (pH 8.0) containing 20% glycerol, 0.1M NaCl, 1mM DTT
Concentration	0.25mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MGSSHHHHH SSGLVPRGSH MGSMSNMEK HLFNLKFAAK ELSRSAKKCD KEEKAEEKAKI KKAIQKGNME VARIHAENAI RQKNQAVNFL RMSARVDAVA ARVQTAVTMG KVTKSMAGVV KSMDATLKTML NLEKISALMD KFEHQFETLD VQTQQMEDTM SSTTTLTPQ NQVDMLLQEM ADEAGLDLNM ELPQGQTGSV GTSVASAEQD ELSQRRLRLR DQV
Sequence Length	199
Applicable Applications for CHMP1B recombinant protein	SDS-PAGE
Antigen Species	Human
Tag Information	His-tag
Preparation and Storage	Can be stored at 4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for CHMP1B recombinant protein	CHMP1B, also known as charged multivesicular body protein 1b, is probable peripherally associated component of the endosomal sorting required for transport complex III (ESCRT-III) which is involved in multivesicular bodies (MVBs) formation and sorting of endosomal cargo proteins into MVBs. MVBs contain intraluminal vesicles (ILVs) that are generated by invagination and scission from the limiting membrane of the endosome and mostly are delivered to lysosomes enabling degradation of membrane proteins, such as stimulated growth factor receptors, lysosomal enzymes and lipids. Recombinant human CHMP1B protein, fused to His-tag at N-terminus, was expressed in E Coli and purified by using conventional chromatography.
Product Categories/Family for CHMP1B recombinant protein	Cell Cycle
References	Martin-Serrano J., et al. (2003) Proc. Natl. Acad. Sci. u.S.A. 100:12414-12419; Bajorek M., et al. (2009) Mol. Biol. Cell. 20:1360-1373

NCBI AND UNIPROT INFORMATION

NCBI GI #	31542306
NCBI GeneID	57132
NCBI Accession #	NP_065145
NCBI GenBank Nucleotide #	NM_020412.4
UniProt Accession #	Q7LBR1; Q96E89; Q9HD41
Molecular Weight	24.7 kDa (223aa), confirmed by MALDI-TOF (Molecular weight on SDS-PAGE will appear higher)
NCBI Official Full Name	charged multivesicular body protein 1b
NCBI Official Synonym Full Names	charged multivesicular body protein 1B
NCBI Official Symbol	CHMP1B
NCBI Official Synonym Symbols	Vps46B; C10orf2; C18orf2; CHMP1.5; Vps46-2; C18-ORF2; hVps46-2
NCBI Protein Information	charged multivesicular body protein 1b
UniProt Protein Name	Charged multivesicular body protein 1b
UniProt Gene Name	CHMP1B
UniProt Synonym Gene Names	C18orf2; CHMP1b; Vps46-2; hVps46-2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/chmp1b-recombinant-protein-e-coli-sds-page/48778>