

Recombinant Human CHMP1B protein, GST-tagged

Cat. No. CHMP1B-11183H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CHMP1B protein(1-199 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-199 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 100 mM reduced glutathione (GSH).
AASequence	MSNMEKHLFNLKFAAKELSRSAKKCDKEEKAEEKAIQKGNMEVARIHAENAIR QKNQAVNFLRMSARVDAVAARVQTAVTMGKVTKSMAGVVKSMDATLKTMLNLEKIS ALMDKFEHQFETLDVQTQQMEDTMSSTTTLTTPQNQVDMLLQEMADEAGLDLNMELPQGQTGSGVTSVASAEQDELSQRLARLRDQV
Purity	80%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

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Reconstitution

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name CHMP1B charged multivesicular body protein 1B [Homo sapiens]

Official Symbol CHMP1B

Synonyms CHMP1B; charged multivesicular body protein 1B; chromatin modifying protein 1B; charged multivesicular body protein 1b; C18orf2; CHMP1.5; Vps46B; vacuolar protein sorting 46-2; chromatin-modifying protein 1b; vacuolar protein sorting-associated protein 46-2; C10orf2; Vps46-2; C18-ORF2; hVps46-2;

Gene ID 57132

mRNA Refseq NM_020412

Protein Refseq NP_065145

MIM 606486

UniProt ID Q7LBR1

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