

## 32-3533: CHMP6 Recombinant Protein

**Alternative Name :** Charged multivesicular body protein 6, Chromatin-modifying protein 6, Vacuolar protein sorting-associated protein 20, Vps20, hVps20, CHMP6.

### Description

Source : Escherichia Coli. CHMP6 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 225 amino acids (1-201 a.a) and having a molecular mass of 26.1kDa (Molecular size on SDS-PAGE will appear higher). CHMP6 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Charged multivesicular body protein 6 (CHMP6) is a member of the SNF7 family. The CHMP6 protein is a core component of the endosomal sorting necessary for transport complex III (ESCRT-III) that is involved in multivesicular bodies (MVBs) formation and sorting of endosomal cargo proteins into MVBs. MVBs contain intraluminal vesicles (ILVs) which are produced by invagination and scission from the limiting membrane of the endosome and generally are transported to lysosomes facilitating degradation of membrane proteins, such as stimulated growth factor receptors, lysosomal enzymes and lipids.

### Product Info

<b>Amount :</b>	20 µg
<b>Purification :</b>	Greater than 95.0% as determined by SDS-PAGE.
<b>Content :</b>	CHMP6 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 2mM DTT, 10% glycerol and 100mM NaCl.
<b>Storage condition :</b>	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.
<b>Amino Acid :</b>	MGSSHHHHHH SGLVPRGSH MSHMGNLFG RKKQSRVTEQ DKAILQLKQQ RDKLRQYQKR IAQQLERERA LARQLLRDGR KERAKLLKK KRYQEQLLDR TENQISSLEA MVQSIEFTQI EMKVM EGLQF GNECLNKMHQ VMSIEEVERI LDETQEA VEY QRQIDELLAG SFTQEDEDI LEELSAITQE QIELPEVPSE PLPEKIPENV PVKARPRQAE LVAAS.

