

32-13152: CHMP1B Human

Alternative Name : Charged multivesicular body protein 1b, CHMP1.5, Chromatin-modifying protein 1b, CHMP1b, Vacuolar protein sorting-associated protein 46-2, Vps46-2, hVps46-2, CHMP1B, C18orf2, Vps46B, C10orf2, C18-ORF2.

Description

Source: Escherichia Coli.

Sterile Filtered colorless solution.

Charged multivesicular body protein 1b (CHMP1B) is a member of the chromatin-modifying protein/charged multivesicular body protein (CHMP) family. CHMP1B is a possible peripherally associated component of the ESCRT-III (endosomal sorting required for transport complex III) which is involved in MVBs (multivesicular bodies) formation and sorting of endosomal cargo proteins into MVBs. The MVBs contain ILVs (intraluminal vesicles) which are created by invagination and scission from the limiting membrane of the endosome and generally are transported to lysosomes enabling degradation of membrane proteins, such as stimulated growth factor receptors, lysosomal enzymes and lipids.

CHMP1B Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 223 amino acids (1-199 a.a) and having a molecular mass of 24.7kDa (Molecular weight on SDS-PAGE will appear higher).CHMP1B is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Product Info

Amount : 2 µg / 10 µg

Purification : Greater than 85.0% as determined by SDS-PAGE.

Content : CHMP1B protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 20% glycerol, 0.1M NaCl and 1mM DTT.

Storage condition : 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.

Amino Acid : MGSSHHHHHH SSGLVPRGSH MGSMSNMEK HLFNLKFAAK ELSRSAKKCD KEEKAEKAKI KKAIQKGNME VARIHAENAI RQKNQAVNFL RMSARVDAVA ARVQTAVTMG KVTKSMAGVV KSMDATLKTML NLEKISALMD KFEHQFETLD VQTQQMEDTM SSTTTLTTPQ NQVDMLLQEM ADEAGLDLNM ELPQGQTGSV GTSVASAEQD ELSQRLARLR DQV.