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32-3527: CHMP1A Recombinant Protein

Alternative Name : Charged multivesicular body protein 1a,Chromatin-modifying protein 1a,Vacuolar protein sorting-associated protein 46-1,Vps46-1,hVps46-1,CHMP1A,CHMP1,KIAA0047,PCOLN3,PRSM1,PCH8,VPS46A.

Description

Source : Escherichia Coli. CHMP1A Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 219 amino acids (1-196 a.a.) and having a molecular mass of 24.1kDa (Molecular size on SDS-PAGE will appear higher).CHMP1A is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Charged multivesicular body protein 1a (CHMP1A) is a member of the vacuolar sorting protein family and functions as chromatin-modifying protein. These complexes are essential for sorting endosomal articles into multivesicular bodies (MVBs), as well as vital for the formation of these bodies. The MVBs pathway mediates distribution of transmembrane proteins into the lumen of the lysosome for degradation. CHMP1 interacts with VPS4B and localizes to early endosomes.

Product Info

Amount :	10 µg
Purification :	Greater than 85.0% as determined by SDS-PAGE.
Content :	CHMP1A protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl, 20% glycerol 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 MGSMDDTLFQ LKFTAKQLEK LAKKAEKDSK AEQAKVKKAL LQKNVECARV YAENAIRKKN EGVNWLRMAS RVDAVASKVQ TAVTMKGVTK NMAQVTKALD KALSTMDLQK VSSVMDRFEQ QVQNLDVHTS VMEDSMSSAT TLTTPQEQVD SLIMQIAEEN GLEVLDQLSQ LPEGASAVGE SSVRSQEDQL SRRLAALRN.

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