

Chromatin Modifying Protein 4A Human Recombinant

Item Number	rAP-3006
Synonyms	Charged multivesicular body protein 4A, C14orf123, HSPC134, VPS32A, Vacuolar protein sorting-associated protein 32-1, chromatin modifying protein 4A, SHAX2, SNF7-1, SNF7 homolog associated with Alix-2, chromosome 14 open reading frame 123, CHMP4B, CHMP4a.
Description	CHMP4A Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 285 amino acids (1-265 and having a molecular mass of 32.0kDa.CHMP4A is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q9BY43
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MSRRRPEDGL GKAGPCVMRH HPPRSKAEVW RTLRGGGGRG ELAMSGLGRL FGKGKKEKGP TPEEAIQKLL ETEKILIKKQ EFLEQKIQQE LQTAKKYGTK NKRAALQALR RKKRFEQQLA QTDGTLSTLE FQREAIENAT TNAEVLRTME LAAQSMKKAY QDMDIDKVDE LMTDITE- QQE VAQQISDAIS RPMGFGDDVD EDELLEEELE LEQEELAQEL LNVGDKEEEP SVKLPSVPST HLPAGPAPKV DEDEEALKQL AEWVS
Source	E.coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. 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.
Formulation and Purity	The CHMP4A solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 200mM NaCl, 0.1mMPPMSF, 1mM EDTA, 2mM DTT and 50% glycerol. Greater than 90% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**