

Recombinant Human CHMP4A Protein, MYC/DDK-tagged

Cat. No. CHMP4A-3233H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CHMP4A protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	CHMP4A belongs to the chromatin-modifying protein/charged multivesicular body protein (CHMP) family. These proteins are components of ESCRT-III (endosomal sorting complex required for transport III), a complex involved in degradation of surface receptor proteins and formation of endocytic multivesicular bodies (MVBs). Some CHMPs have both nuclear and cytoplasmic/vesicular distributions, and one such CHMP, CHMP1A (MIM 164010), is required for both MVB formation and regulation of cell cycle progression (Tsang et al., 2006 [PubMed 16730941]).
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	29.6 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	CHMP4A charged multivesicular body protein 4A [Homo sapiens]
Official Symbol	CHMP4A
Synonyms	C14orf123; CHMP4; CHMP4B; HSPC134; SHAX2; SNF7; SNF7-1; VPS32-1; VPS32A
Gene ID	29082
mRNA Refseq	NM_014169
Protein Refseq	NP_054888
MIM	610051
UniProt ID	Q9BY43

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