Recombinant Human CHMP4A Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CHMP4A-6331H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CHMP4A MS Standard C13 and N15-labeled recombinant protein (NP_054888) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
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, is required for both MVB formation and regulation of cell cycle progression.
Molecular Mass	29.8 kDa
AA Sequence	MSRRRPEDGLGKAGPCVMRHHPPRSKAEVWRTLRGGGGRGELAMSGLGRLFGK GKKEKGPTPEEAIQKLKETEKILIKKQEFLEQKIQQELQTAKKYGTKNKRAALQALRR KKRFEQQLAQTDGTLSTLEFQREAIENATTNAEVLRTMELAAQSMKKAYQDMDIDKV DELMTDITEQQEVAQQISDAISRPMGFGDDVDEDELLEELEELEQEELAQELLNVGD KEEEPSVKLPSVPSTHLPAGPAPKVDEDEEALKQLAEWVSTRTRPLEQKLISEEDLA ANDILDYKDDDDKV

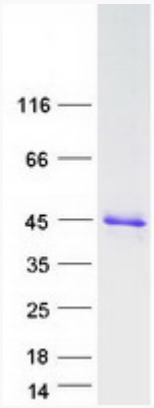
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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	CHMP4A charged multivesicular body protein 4A [Homo sapiens (human)]
Official Symbol	CHMP4A
Synonyms	CHMP4A; charged multivesicular body protein 4A; C14orf123, chromatin modifying protein 4A, chromosome 14 open reading frame 123; charged multivesicular body protein 4a; HSPC134; VPS32A; chromatin modifying protein 4A; SNF7 homolog associated with Alix-2; Snf7 homologue associated with Alix 2; vacuolar protein sorting-associated protein 32-1; SNF7; CHMP4; SHAX2; CHMP4B; SNF7-1; VPS32-1; C14orf123; FLJ61658; MGC142093; MGC142095;
Gene ID	29082
mRNA Refseq	NM_014169
Protein Refseq	NP_054888
MIM	610051

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UniProt ID	Q9BY43
SDS-PAGE	

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