

Recombinant Human CHMP4A Protein, GST-Tagged

Cat. No. CHMP4A-1252H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CHMP4A full-length ORF (ADR82892.1, 1 a.a. - 265 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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]).[supplied by OMIM, Mar 2008]
Molecular Mass	29.2 kDa
AA Sequence	MSRRRPEDGLGKAGPCVMRHPPRSKAEVWRTL RGGGGRGELAMSGLGRLFGK GKKEKGPTPEEAIQKLKETEKILIKKQEFLEQKIQQELQTAKKYGTKNKRAALQALRR KKRFEQQLAQT DGT LSTLEFQREAIENATTNAEVLRTMELAAQSMKKAYQDMDIDKV DELMTDITEQQEVAQQISDAISRPMGFGDDVDEDELLEEELEEQEELAQELLNVGD KEEPPSVKLPSVPSTHLPAGPAPKVDEDEEALKQLAEWVS
Applications	Enzyme-linked Immunoabsorbent Assay

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Western Blot (Recombinant protein)
Antibody Production
Protein Array

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name CHMP4A charged multivesicular body protein 4A [Homo sapiens]

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

UniProt ID Q9BY43

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