Recombinant Full Length Human CHMP5 Protein, GST-tagged

Cat. No. CHMP5-3208HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CHMP5 full-length ORF (NP_057494.2, 1 a.a. - 219 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	219 amino acids
Description	CHMP5 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	50.9 kDa
AA Sequence	MNRLFGKAKPKAPPPSLTGCIGTVDSRAESIDKKISRLDAELVKYKDQIKKMREGPAK NMVKQKALRVLKQKRMYEQQRDNLAQQSFNMEQANYTIQSLKDTKTTVDAMKLGV KEMKKAYKQVKIDQIEDLQDQLEDMMEDANEIQEALSRSYGTPELDEDDLEAELDAL GDELLADEDSSYLDEAASAPAIPEGVPTDTKNKDGVLVDEFGLPQIPAS

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Applications	Enzyme-linked Immunoabsorbent Assay 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	CHMP5 charged multivesicular body protein 5 [Homo sapiens]
Official Symbol	CHMP5
Synonyms	CHMP5; charged multivesicular body protein 5; C9orf83, chromatin modifying protein 5, chromosome 9 open reading frame 83, SNF7DC2; CGI 34; HSPC177; Vps60; hVps60; SNF7 domain containing 2; chromatin modifying protein 5; chromatin-modifying protein 5; SNF7 domain-containing protein 2; apoptosis-related protein PNAS-2; vacuolar protein sorting-associated protein 60; CGI-34; PNAS-2; C9orf83; SNF7DC2;
Gene ID	51510
mRNA Refseq	NM_001195536
Protein Refseq	NP_001182465
MIM	610900
UniProt ID	Q9NZZ3

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