

Full-Length

CHMP4A (Human) Recombinant Protein (P01)

Catalog # H00029082-P01

Size 50 ug

Specification

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| Product Description | Human CHMP4A full-length ORF (ADR82892.1, 1 a.a. - 265 a.a.) recombinant protein with GST-tag at N-terminal. |
| Sequence | MSRRRPEDGLGKAGPCVMRHPPRSKAEVWRTL RGGGGRGELAMSGLGRLFGKGKKEKGPTP EEAIQKLKETEKILIKKQEFLEQKIQQLQTAKKYGTKNKRAALQALRRKKRFEQQLAQTDGTLSTL EFQREAIENATTNAEVLRTMELAAQSMKKAYQDMDIDKVDLMTDITEQQEVAQQISDAISRPMGF GDDVDEDELLEEELEEQEELAQELLNVGDKEEESVKLPSPSTHLPAGPAPKVDEDEEALK QLAEWVS |
| Host | Wheat Germ (in vitro) |
| Theoretical MW (kDa) | 29.2 |
| Preparation Method | in vitro wheat germ expression system |
| Purification | Glutathione Sepharose 4 Fast Flow |
| Storage Buffer | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer. |
| Storage Instruction | Store at -80°C. Aliquot to avoid repeated freezing and thawing. |
| Note | Best use within three months from the date of receipt of this protein. |

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — CHMP4A

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| Entrez GeneID | 29082 |
| GeneBank Accession# | HQ258138.1 |
| Protein Accession# | ADR82892.1 |
| Gene Name | CHMP4A |
| Gene Alias | C14orf123, CHMP4, CHMP4B, HSPC134, MGC142093, MGC142095, SNF7, SNF7-1, Shax2 |
| Gene Description | chromatin modifying protein 4A |
| Omim ID | 610051 |
| Gene Ontology | Hyperlink |
| Gene Summary | 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] |
| Other Designations | OTTHUMP00000164695 Snf7 homologue associated with Alix 2 charged multivesicular body protein 4A |

Pathway

- [Endocytosis](#)