

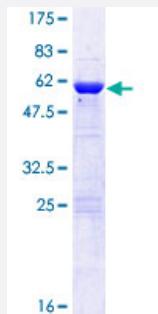
Full-Length

CHMP5 (Human) Recombinant Protein (P01)

Catalog # H00051510-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human CHMP5 full-length ORF (NP_057494.2, 1 a.a. - 219 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MNRLFGKAKPKAPPPSLTGCIGTVDSRAESIDKKISRLDAELVKYKDQIKKMREGPAKNMVKQKA
LRVLKQKRMYEQQRDNLAAQSFNMEQANYTIQSLKDTKTVDAMKLGVKEMKKAYKQVKIDQIED
LQDQLEDMMEDANEIQEALSRSYGTPELDEDDLEAELDALGDELLADEDSSYLDEAASAPAIPE
GVPTDTKNKDGVLVDEFGLPQIPAS

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

50.9

Interspecies Antigen Sequence

Mouse (98); Rat (98)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

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 — CHMP5

Entrez GeneID [51510](#)

GeneBank Accession# [NM_016410.2](#)

Protein Accession# [NP_057494.2](#)

Gene Name CHMP5

Gene Alias C9orf83, CGI-34, HSPC177, PNAS-2, SNF7DC2

Gene Description chromatin modifying protein 5

Omim ID [610900](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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]

Other Designations OTTHUMP00000021197|SNF7 domain containing 2

Pathway

- [Endocytosis](#)