

Recombinant Human CHMP1A, GST-tagged

Cat. No. CHMP1A-11182H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CHMP1A protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-196a.a.
Description	This gene encodes a member of the CHMP/Chmp family of proteins which are involved in multivesicular body sorting of proteins to the interiors of lysosomes. The initial prediction of the protein sequence encoded by this gene suggested that the encoded protein was a metallopeptidase. The nomenclature has been updated recently to reflect the correct biological function of this encoded protein. Several transcripts encoding different isoforms have been found for this gene.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	CHMP1A charged multivesicular body protein 1A [Homo sapiens]
------------------	--

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Official Symbol	CHMP1A
Synonyms	CHMP1A; charged multivesicular body protein 1A; chromatin modifying protein 1A , PCOLN3, procollagen (type III) N endopeptidase , PRSM1; charged multivesicular body protein 1a; CHMP1; KIAA0047; Vps46A; protease, metallo, 1, 33kD; chromatin modifying protein 1A; procollagen (type III) N-endopeptidase; vacuolar protein sorting-associated protein 46-1; charged multivesicular body protein 1/chromatin modifying protein 1; PRSM1; PCOLN3; VPS46A; VPS46-1;
Gene ID	5119
mRNA Refseq	NM_001083314
Protein Refseq	NP_001076783
MIM	164010
UniProt ID	Q9HD42
Chromosome Location	16q24.3
Function	metallopeptidase activity; protein binding; protein domain specific binding; zinc ion binding;