

Recombinant Full Length Human CHMP1B Protein, GST-tagged

Cat. No. CHMP1B-3204HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Human CHMP1B full-length ORF (NP_065145.2, 1 a.a. - 199 a.a.) recombinant protein with GST-tag at N-terminal.

Species

Human

Source

In Vitro Cell Free System

ProteinLength

199 amino acids

Description

CHMP1B 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

48.5 kDa

AA Sequence

MSNMEKHLFNLKFAAKELSRSAKKCDKEEKAEEKAIKAIQKGNMEVARIHAENAIR
 QKNQAVNFLRMSARVDAVAARVQTAVTMGKVTKSMAGVVKSMDATLKTMLNLEKIS
 ALMDKFEHQFETLDVQTQQMEDTMSSTTTLTTPQNQVDMLLQEMADEAGLDLNM
 LPQGQTGSVGTSVASAEQDELSQRLARLRDQV

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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	CHMP1B charged multivesicular body protein 1B [Homo sapiens]
Official Symbol	CHMP1B
Synonyms	CHMP1B; charged multivesicular body protein 1B; chromatin modifying protein 1B; charged multivesicular body protein 1b; C18orf2; CHMP1.5; Vps46B; vacuolar protein sorting 46-2; chromatin-modifying protein 1b; vacuolar protein sorting-associated protein 46-2; C10orf2; Vps46-2; C18-ORF2; hVps46-2;
Gene ID	57132
mRNA Refseq	NM_020412
Protein Refseq	NP_065145
MIM	606486
UniProt ID	Q7LBR1

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