

Recombinant Full Length Human CHMP4C Protein, C-Flag-tagged

Cat. No. CHMP4C-1711HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Recombinant Full Length Human CHMP4C Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.

Species

Human

Source

Mammalian Cells

Description

CHMP4C 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, is required for both MVB formation and regulation of cell cycle progression.

Form

25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.

Molecular Mass

26.2 kDa

AA Sequence

MSKLGKFFKGGGSSKSRAAPSPQEALVRLRETEEMLGKKQEYLENRIQREIALAKKH
 GTQNKRAALQALK RKKRFEKQLTQIDGTLSTIEFQREALENSHTNTEVLRNMGFAAK
 AMKSVHENMDLNKIDDLMQEITEQQD IAQEISEAFSQRVGFDDDFDEDELMAELEE
 LEQEELNKKMTNIRLPNVPSSSLPAQPNRKPGMSSTARRS
 RAASSQRAEEEDDDIKQLAAWATTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Pathways	Endocytosis
Full Length	Full L.

GENE INFORMATION

Gene Name	CHMP4C charged multivesicular body protein 4C [Homo sapiens (human)]
Official Symbol	CHMP4C
Synonyms	Shax3; SNF7-3; VPS32C
Gene ID	92421
mRNA Refseq	NM_152284.4
Protein Refseq	NP_689497.1
MIM	610899

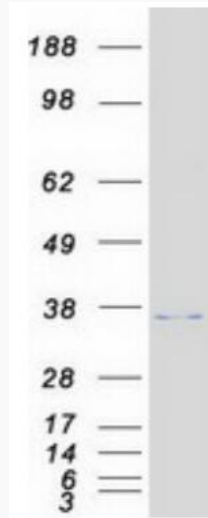
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UniProt ID

Q96CF2



Coomassie blue staining of purified CHMP4C protein.

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