

Product datasheet for PH304802

CHMP4C (NM_152284) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	CHMP4C MS Standard C13 and N15-labeled recombinant protein (NP_689497)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC204802
Predicted MW:	26.2 kDa
Protein Sequence:	>RC204802 representing NM_152284 Red =Cloning site Green =Tags(s) MSKLGKFFKGGGSSKSRAPSPQEALVRLRETEEMLGKKQEYLENRIQREIALAKKHGTQNKRAALQALK RKKRFEKQLTQIDGTLSTIEFQREALENSHTNTEVLRNMGFAAKAMKSVHENMDLNKIDDLMQEITEQQD IAQEISEAFSQRVGFGDDFDEDELMAELEEELEQEELNKKMTNIRLPNVPSSSLPAQPNRKPMSSTARRS RAASSQRAEEEDDDIKQLAAWAT TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_689497
RefSeq Size:	1847
RefSeq ORF:	699
Synonyms:	Shax3; SNF7-3; VPS32C
Locus ID:	92421
UniProt ID:	Q96CF2



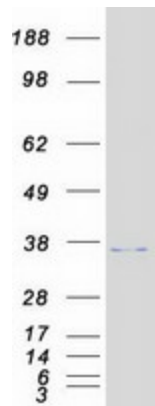
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Cytogenetics: 8q21.13

Summary: 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 (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]

Protein Pathways: Endocytosis

Product images:



Coomassie blue staining of purified CHMP4C protein (Cat# [TP304802]). The protein was produced from HEK293T cells transfected with CHMP4C cDNA clone (Cat# [RC204802]) using MegaTran 2.0 (Cat# [TT210002]).