

Recombinant Human SEC24C Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SEC24C-810H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SEC24C MS Standard C13 and N15-labeled recombinant protein (NP_940999) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The protein encoded by this gene is a member of the SEC24 subfamily of the SEC23/SEC24 family, which is involved in vesicle trafficking. The encoded protein has similarity to yeast Sec24p component of COPII. COPII is the coat protein complex responsible for vesicle budding from the ER. The product of this gene may play a role in shaping the vesicle, as well as in cargo selection and concentration. Alternatively spliced transcript variants encoding the same protein have been identified.
Molecular Mass	118.3 kDa
AA Sequence	MNVNQSVPPVPPFGQPQPIYPGYHQSSYGGQSGSTAPAIPYGAYNGPVPGYQQTP PQGMSRAPSSGAPPASTAQAPCGQAAYGQFGQGDVQNGPSSTVQMQRLPQSQ SFGSPLAPVGNQPPVLQPYGPPPTSAQVATQLSGMQISGAVAPAPPSSGLGFGPPT SLASASGSFPNSGLYGSYPQGQAPPLSQAQGHPIQTPQRSAPSQASSFTPPASG GPRLPSMTGPLLPQGQSFGGPSVSQPNHVSSPPQALPPGTQMTGPLGLPPLPMHSPQ QPGYQPQQNGSFGPARGPQSNYGGPYPAAPTFGSQPGPPQPLPPKRLDPDAIPSP

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IQVIEDDRNNRGTEPFVTGVRGQVPPLVTTNFLVKDQGNASPRYIRCTSYNIPCTSD
 MAKQAQVPLAAVIKPLARLPPEEASPYVVDHGEGPLRCNRCKAYMCPFMQFIEGG
 RRFQCCFCSCINDVPPQYFQHLDHTGKRVDAYDRPELSLGSYEFLATVDYCKNNKF
 PSPPAFIFMIDVSYNARTGLVRLCEELKSLLDFLPREGGAEEASAIRVGFVTYNKVLH
 FYNVKSSLAQPQMMVSDVADMVPLLDGFLVNVNESRAVITSLLDQIPEMFADTRE
 TETVFPVIQAGMEALKAAECAGKLFLFHTSLPIAEAPGKLKNRDDRKLINTDKEKTLF
 QPQTGAYQTLAKECVAQGCCVDLFLFPNQYVDVATLSVVPQLTGGSVYKYASFQVE
 NDQERFLSDLRRDVQKVVGFDAMRVRTSTGIRAVDFFGAFYMSNTTDVELAGLDG
 DKTVTVEFKHDDRLEESGALLQCALLYTSCAGQRRLRIHNLALNCCTQLADLYRNC
 ETDTLINYMAKFAYRGVLNSPVKAVRDTLTQCAQILACYRKNCASPSSAGQLILPEC
 MKLLPVYLNLCVLKSDVLQPGAEVTTDDRAYVRQLVTSMDVTETNVFFYPRLPLTKS
 PVESTTEPPAVRASEERLSNGDIYLLENGLNLFLWVGASVQQGVVQSLFSVSSFSQI
 TSGLSVLPVLDNPLSKKVRGLIDSLRAQRSRYMKLTVVKQEDKMEMLFKHFLVEDKS
 LSGGASYVDFLCHMHKEIRQLLSTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity

> 80% as determined by SDS-PAGE and Coomassie blue staining

Stability

Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage

Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration

50 µg/mL as determined by BCA

Storage Buffer

100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name

SEC24C SEC24 homolog C, COPII coat complex component [Homo sapiens (human)]

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Official Symbol	SEC24C
Synonyms	SEC24C; SEC24 homolog C, COPII coat complex component; protein transport protein Sec24C; SEC24 family, member C; SEC24 related gene family, member C; SEC24-related protein C
Gene ID	9632
mRNA Refseq	NM_198597
Protein Refseq	NP_940999
MIM	607185
UniProt ID	P53992
SDS-PAGE	