

Datasheet for ABIN7555413
SEC24C Protein (AA 1-1094) (His tag)



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Overview

Quantity:	1 mg
Target:	SEC24C
Protein Characteristics:	AA 1-1094
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SEC24C protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant SEC24C Protein expressed in mammalian cells.
Sequence:	<p>MNVNQSVPPV PPFQPPQPIY PGYHQSSYGG QSGSTAPAIP YGAYNGPVPG YQQTTPQGMS RAPPSSGAPP ASTAQAPCGQ AAYGQFGQGD VQNGPSSTVQ MQRLPGSQPF GSPLAPVGNQ PPVLQPYGPP PTSAQVATQL SGMQISGAVA PAPPSSGLGF GPPTSLASAS GSFNNSGLYG SYPQGQAPPL SQAQGHPIQ TPQRSAPSQA SSFTPPASGG PRLPSMTGPL LPGQSFGGPS VSQPNHVSSP PQALPPGTQM TGPLGPLPPM HSPQQPGYQP QQNGSFGPAR GPQSNYGGPY PAAPTFGSQP GPPQPLPPKR LDPDAIPSP QVIEDDRNNR GTEPFVTGVR GQVPPLVTTN FLVKDQGNAS PRYIRCTSYN IPCTSDMAKQ AQVPLAAVIK PLARLPPEEA SPYVVDHGES GPLRCNRCKA YMCPFMQFIE GGRRFQCCFC SCINDVPPQY FQHLDHTGKR VDAYDRPELS LGSYEFLATV DYCKNNKFPS PPAFIFMIDV SYNAIRTGLV RLLCEELKSL LDFLPREGGA EESAIRVGFV TYNKVLHFYN VKSSLAQPQM MVSVDVADMV VPLLDGFLVN VNESRAVITS LLDQIPEMFA DTRETETVFV PVIQAGMEAL KAAECAGKLF LFHTSLPIAE APGKLNRRDD RKLINTDKEK TLFQPQTGAY QTLAKECVAQ GCCVDLFLFP NQYVDVATLS VVPQLTGGSV</p>

Product Details

YKYASFQVEN DQERFLSDLR RDVQKVVGF D AVMRVRTSTG IRAVDFFGAF YMSNTTDVEL
AGLDGDKTVT VEFKHDDRLN EESGALLQCA LLYTSCAGQR RLRIHNLALN CCTQLADLYR
NCETDTLINY MAKFAYRGVL NSPVKAVRDT LITQCAQILA CYRKNCASPS SAGQLLPEC
MKLLPVYLNC VLKSDVLQPG AEVTTDDRAY VRQLVTSMDV TETNVFFYPR LLPLTKSPVE
STTEPPAVRA SEERLSNGDI YLLENGLNLF LWVGASVQQG VVQSLFSVSS FSQITSGLSV
LPVLDNPLSK KVRGLIDSLR AQRSRYMKLT VVKQEDKMEM LFKHFLVEDK SLSGGASYVD
FLCHMHKEIR QLLS **Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.**

Specificity: If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

Characteristics: Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity: > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

Target Details

Target: SEC24C

Alternative Name: SEC24C ([SEC24C Products](#))

Background: Protein transport protein Sec24C (SEC24-related protein C),FUNCTION: Component of the coat protein complex II (COPII) which promotes the formation of transport vesicles from the

Target Details

endoplasmic reticulum (ER). The coat has two main functions, the physical deformation of the endoplasmic reticulum membrane into vesicles and the selection of cargo molecules for their transport to the Golgi complex (PubMed:10214955, PubMed:17499046, PubMed:18843296, PubMed:20427317). Plays a central role in cargo selection within the COPII complex and together with SEC24D may have a different specificity compared to SEC24A and SEC24B (PubMed:17499046, PubMed:20427317, PubMed:18843296). May more specifically package GPI-anchored proteins through the cargo receptor TMED10 (PubMed:20427317). May also be specific for IxM motif-containing cargos like the SNAREs GOSR2 and STX5 (PubMed:18843296). {ECO:0000269|PubMed:10214955, ECO:0000269|PubMed:17499046, ECO:0000269|PubMed:18843296, ECO:0000269|PubMed:20427317}.

Molecular Weight: 118.3 kDa

UniProt: [P53992](#)

Application Details

Application Notes: We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months