

Recombinant Human SEC23A Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SEC23A-802H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SEC23A MS Standard C13 and N15-labeled recombinant protein (NP_006355) 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 SEC23 subfamily of the SEC23/SEC24 family. It is part of a protein complex and found in the ribosome-free transitional face of the endoplasmic reticulum (ER) and associated vesicles. This protein has similarity to yeast Sec23p component of COPII. COPII is the coat protein complex responsible for vesicle budding from the ER. The encoded protein is suggested to play a role in the ER-Golgi protein trafficking.
Molecular Mass	86.2 kDa
AA Sequence	MTTYLEFIQQNEERDGVRFSSWNVWPSSRLEATRMVVPVAALFTPLKERPDLPPIQY EPVLCSTRITCRAVLNPLCQVDYRAKLWACNFCYQRNQFPFSYAGISELNQPAELLP QFSSIEYVVLRGPMPLIFLYVVDTCMEDEDLQALKESMQMSLSLLPPTALVGLITFG RMVQVHELGCESGISKSYVFRGTDLSAKQLQEMLGLSKVPVTQATRGPQVQQPPP SNRFLQPQVKIDMNLTDLLGELQRDPWPVPQGKRPLRSSGVALSIAVGLLECTFPNT GARIMMFIGGPATQGGPMVVGDELKTPIRSWHDIDKDNAKYVKKGTDKHFEALANRA ATTGHVIDIYACALDQTGLLEMKCCPNLTGGYMVMGDSFNSTLTKQTFQRVFTKDM

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HGQFKMGFGGTTLEIKTSREIKISGAIGPCVSLNSKGPCVSENEIGTGGTCQWKICGLS
 PTTTLAIYFEVVNQHNAPIPQGGRGAIQFVTQYQHSSGQRRIRVTTIARNWADAQTQI
 QNIAASFDQEAAILMARLAIYRAETEEGPDVLRWLDRQLIRLCQKFGEYHKDDPSS
 FRFSETFSLYPQFMFHLRRSSFLQVFNNSPDESSYYRHHFMRQDLTQSLIMIPIY
 AYSFSGPPEPVLLDSSSILADRILLMDTFFQILYHGETIAQWRKSGYQDMPEYENFR
 HLLQAPVDDAQEILHSRFPMPRYIDTEHGGSQARFLLSKVNPSQTHNNMYAWGQES
 GAPILTDDVSLQVFMHLLKLAIVSSAATRTRPLEQKLISEEDLAANDILDYKDDDDKV

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 SEC23A SEC23 homolog A, COPII coat complex component [Homo sapiens (human)]

Official Symbol SEC23A

Synonyms SEC23A; Sec23 homolog A (S. cerevisiae); Sec23 (S. cerevisiae) homolog A; protein transport protein Sec23A; SEC23-related protein A; CLSD; MGC26267;

Gene ID 10484

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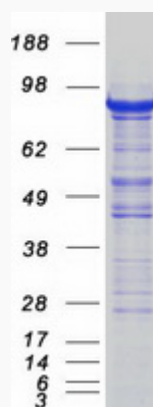
mRNA Refseq NM_006364

Protein Refseq NP_006355

MIM 610511

UniProt ID Q15436

SDS-PAGE



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