

Recombinant Human SEC14L2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SEC14L2-4273H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SEC14L2 MS Standard C13 and N15-labeled recombinant protein (NP_036561) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a cytosolic protein which belongs to a family of lipid-binding proteins including Sec14p, alpha-tocopherol transfer protein, and cellular retinol-binding protein. The encoded protein stimulates squalene monooxygenase which is a downstream enzyme in the cholesterol biosynthetic pathway. Alternatively spliced transcript variants encoding different isoforms have been identified for this gene.
Molecular Mass	46 kDa
AA Sequence	MSGRVGDLSPRQKEALAKFRENVQDVLPALPNPDDYFLLRWLRARSFDLQKSEAM LRKHVEFRKQKDIDNIISWQPPEVIQYLSGGMCGYDLGCPVWYDIIGPLDAKGLL FSASKQDLLRTKMRECELLLQECAHQTTKLGRKVETITIYDCEGLGLKHLWKPAVEA YGEFLCMFEENYPETLKRLFVVKAPKLFPVAYNLIKPFLESDTRKKIMVLGANWKEVL LKHISPDQVPVEYGGTMTDPDGNPKCKSKINYGGDIPRKYYVRDQVKQQYEHSVQI SRGSSHQVEYEILFPGCVLRWQFMSDGADVGFGLTKMGERQRAGEMTEVLPN QRYNSHLVPEDGTLTCSDPGIYVLRFDNTYSFIHAKKVNFTVEVLLPDKASEEKMKQ LGAGTPKTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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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.

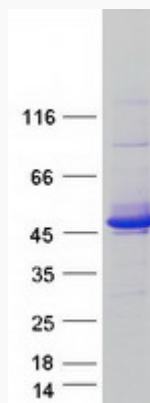
GENE INFORMATION

Gene Name	SEC14L2 SEC14 like lipid binding 2 [Homo sapiens (human)]
Official Symbol	SEC14L2
Synonyms	SEC14L2; SEC14-like 2 (S. cerevisiae); C22orf6, SEC14 (S. cerevisiae) like 2; SEC14-like protein 2; KIAA1186; KIAA1658; SPF; supernatant protein factor; TAP; squalene transfer protein; tocopherol-associated protein; alpha-tocopherol-associated protein; TAP1; C22orf6; MGC65053;
Gene ID	23541
mRNA Refseq	NM_012429
Protein Refseq	NP_036561
MIM	607558
UniProt ID	O76054

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SDS-PAGE

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