

Recombinant Mouse Sec14l2 Protein, Myc/DDK-tagged

Cat. No. Sec14l2-5741M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length SEC14-like lipid binding 2 (Sec14l2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Carrier protein. Binds to some hydrophobic molecules and promotes their transfer between the different cellular sites. Binds with high affinity to alpha-tocopherol. Also binds with a weaker affinity to other tocopherols and to tocotrienols. May have a transcriptional activatory activity via its association with alpha-tocopherol. Probably recognizes and binds some squalene structure, suggesting that it may regulate cholesterol biosynthesis by increasing the transfer of squalene to a metabolic active pool in the cell.
Molecular Mass	46.3 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Sec14l2 SEC14-like lipid binding 2 [Mus musculus (house mouse)]

Official Symbol Sec14l2

Synonyms SEC14L2; SEC14-like 2 (S. cerevisiae); SEC14-like protein 2; alpha-tocopherol-associated protein; Spf; TAP; 1300013M05Rik

Gene ID 67815

mRNA Refseq NM_144520

Protein Refseq NP_653103

UniProt ID Q99J08

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