

Product datasheet for **TP506338**

Sec14I2 (NM_144520) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse SEC14-like lipid binding 2 (Sec14I2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR206338 protein sequence Red =Cloning site Green =Tags(s)

MSGRVGDLSPKQEEALAKFRENVQDVLPTLPNPDDYFLLRWLRARSFDLQKSEAMLRKHVFRKQKDIDK
IISWQPPEVIQYLSGGRCGYDLGCPVWYDIIGPLDAKGLLFSASKQDLLRTKMRDCELLLQECIQQT
KLGKKIETITMIYDCEGLGLKHLWKPAVEAYGEFLTMFEENYPETLKRFLVVKAPKLPVAYNLIKPFLS
EDTRRKIMVLGANWKEVLLKHISPDQLPVEYGGTMDPDGPNPKCKSKINYGGDIPKQYYVRDQVKQYEH
TVQVSRGSSHQVEYEILFPGCVLRWQFMSEGSDVGFIFLTKMGERQRAGEMTEVLPNQRYNSHMVPED
GTLTCSEPGIYVLRFDNTYSFIHAKKVSFTVEVLLPKAAEEKMNQQGADTPK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	46.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_653103
Locus ID:	67815
UniProt ID:	Q99J08



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RefSeq Size: 2529

Cytogenetics: 11 A1

RefSeq ORF: 1212

Synonyms: 1300013M05Rik; Spf; TAP

Summary: 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 (By similarity).[UniProtKB/Swiss-Prot Function]