

Product datasheet for TP506177

Apoa4 (NM_007468) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse apolipoprotein A-IV (Apoa4), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR206177 protein sequence Red=Cloning site Green=Tags(s)

MFLKAAVLTALVAITGTRAEVTSQVANVWDYFTQLSNNAKEAVEQFQKTDVTQQLSTLFQDKLGDAS
TYADGVHNKLVFVQVLSGHLAQETERVKEEIKKELEDLRDRMMPHANKVTQTFGENMQKLQEHLPYAV
DLQDQINTQTQEMKLQLTPYIQRMQTTIKENVNDNLHTSMPLATNLKDKFNRMEEELKGHLPANELKA
TIDQNLEDLRRSLAPLTVGVQEKLNHQMEGLAFQMKKNAEELQTKVSAKIDQLQKNLAPLVEDVQSKVKG
NTEGLQKSLEDLNRQLEQQVEEFRRTVEPMGEMFNKALVQQLEQFRQQLGPNSEGEVESHLSFLEKSLREK
VNSFMSTLEKKGSPDQPQALPLPEQAQEAQEAQEAQEQVQPKPLES

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	45 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_031494
Locus ID:	11808
UniProt ID:	P06728



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RefSeq Size: 1666

Cytogenetics: 9 25.36 cM

RefSeq ORF: 1188

Synonyms: Apoa-4

Summary: May have a role in chylomicrons and VLDL secretion and catabolism. Required for efficient activation of lipoprotein lipase by ApoC-II; potent activator of LCAT. Apoa-IV is a major component of HDL and chylomicrons.[UniProtKB/Swiss-Prot Function]