

Product datasheet for **TP527426**

Apoe (NM_009696) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse apolipoprotein E (Apoe), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA	>MR227426 representing NM_009696
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MKALWAVLLVLLTGCLAEGEPEVTDQLEWQSNQPWEQALNRFWDYLRWVQTLSDQVQEELQSSQVTQEL
TALMEDTMTEVKAYKKELEEQLGPVAAETRARLGKEVQAAQARLGADMEDLRNRLGQYRNEVHTMLGQST
EEIRARLSTHLRKMRLMRDADDLQKRLAVYKAGAREGAERGVS AIRERLGPLVEQGRQRTANLGAGAA
QPLRDRAQAFGDRIRGRLEEVGNQARDRLEEVREHMEEVRSKMEEQTQQIRLQAEIFQARLKGWFPEIVE
DMHRQWANLMEKIQASVATNPIITPVAQENQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	36.3 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_033826
Locus ID:	11816
UniProt ID:	P08226 , Q3TXU4



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RefSeq Size: 1266

Cytogenetics: 7 9.94 cM

RefSeq ORF: 933

Synonyms: A; AI255918; Apo-E

Summary: This gene encodes a member of the apolipoprotein A1/A4/E family of proteins. This protein is involved in the transport of lipoproteins in the blood. It binds to a specific liver and peripheral cell receptor, and is essential for the normal catabolism of triglyceride-rich lipoprotein constituents. Homozygous knockout mice for this gene accumulate high levels of cholesterol in the blood and develop atherosclerosis. Different alleles of this gene have been associated with either increased risk or a protective effect for Alzheimer's disease in human patients. This gene maps to chromosome 7 in a cluster with the related apolipoprotein C1, C2 and C4 genes. [provided by RefSeq, Apr 2015]