

Recombinant Mouse Apoe Protein, C-Myc/DDK-tagged

Product Information

Cat	IMP-7345
Official Symbol	APOE
Product Overview	Purified recombinant protein of Mouse apolipoprotein E (Apoe), with C-terminal Myc/DDK tag, expressed in HEK293T cells.
Description	<p>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]</p>
Expression System	HEK293T
Species	Mouse
Tag	C-Myc/DDK
Form	25mM Tris.HCl, pH 7.3, 100mM glycine, 10% glycerol
Molecular Mass	36.3 kDa
AA Sequence	MKALWAVLLVTLTGCLAEGEPEVTDQLEWQSNQPWEQALNRFWDYLR WVQTLSDQVQEELQSSQVTQELTALMEDTMTEVKAYKKELEEQLGPVAE ETRARLGKEVQAAQARLGADMEDLRNRLGQYRNEVHTMLGQSTEEIRA RLSTHLRKMRKRLMRDADDLQKRLAVYKAGAREGAERGVS AIRERLGPL VEQGRQRTANLGAGAAQPLRDRAQAFGDRIRGRLEE VGNQARDRLEE V REHMEEVRSKMEEQTQQIRLQAEIFQARLKGWFEPIVEDMHRQWANLM EKIQASVATNPIITPVAQENQTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Storage	Store at -80 centigrade 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.
Concentration	> 50 µg/mL as determined by microplate BCA method.