

Product datasheet for TP320903M

ApoER2 (LRP8) (NM_017522) Human Recombinant Protein

Product data:

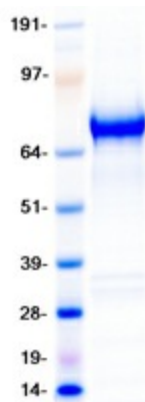
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human low density lipoprotein receptor-related protein 8, apolipoprotein e receptor (LRP8), transcript variant 3, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC220903 representing NM_017522 Red =Cloning site Green =Tags(s)
	MGLPEPGPLRLLALLLLLLLLLLLQLQHLAAAAADPLLGGQGPAKDCEKDQFQCRNERCIPSVWRCEDD DCLDHSDEDDCPKKTCA DSDFTCDNGHCIHERWKCDGEECPDGSDESEATCTKQVCPAEKLSGPTSHK CVPASWRCDGKDCGGADEAGCATSLGTCRGDEFQCGDGTCLVLAIKHCNQEQDCPDGSDEAGCLOQLNE CLHNNGGCSHICTDLKIGFECTCPAGFQLLDQKTCGDI DECKDPDACSQICVNYKGYFKCECYPGYEMDL LTKNCKAAAGKSPSLIFTNRHEVRRIDLVKRNY SRLIPMLKNVVALDVEVATNRIYWCDLSYRKIYSAYM DKASDPKEQEVLI DEQLHSPEGLAVDWVHKHIYWTDSGNTISVATVDGGRRTLFSRNLSEPRAI AVDP LRGFMYSWDWGDQAKIEKSLNGVDRQTLVSDNIEWPNGITLDLLSQRLYWVDSKLHQLSSIDFSGGNRK TLISSTDFLSHPFGIAVFEDKVFWTDLENEAIFSANRLNGLEISILAENLNNPHDIVIFHELKQPRAPDA CELSVQPNGGCEYLCLPAPQISSHSPKYTCACPDTMWLGPDMKRCYRDANEDSKMGSTVTA AVIGIIVPI VWIALCMSGYLIWRNWKRKNTKSMNFDNPVYRKTTEEEDEDELHIGRTAQIGHVYPARVALSLEDDGLP
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	74.4 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
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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.



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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_059992
Locus ID:	7804
UniProt ID:	Q14114
RefSeq Size:	6994
Cytogenetics:	1p32.3
RefSeq ORF:	2100
Synonyms:	APOER2; HSZ75190; LRP-8; MCI1
Summary:	This gene encodes a member of the low density lipoprotein receptor (LDLR) family. Low density lipoprotein receptors are cell surface proteins that play roles in both signal transduction and receptor-mediated endocytosis of specific ligands for lysosomal degradation. The encoded protein plays a critical role in the migration of neurons during development by mediating Reelin signaling, and also functions as a receptor for the cholesterol transport protein apolipoprotein E. Expression of this gene may be a marker for major depressive disorder. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Jun 2011]
Protein Families:	Druggable Genome, Secreted Protein, Transmembrane

Product images:



Coomassie blue staining of purified LRP8 protein (Cat# [TP320903]). The protein was produced from HEK293T cells transfected with LRP8 cDNA clone (Cat# [RC220903]) using MegaTran 2.0 (Cat# [TT210002]).