

## Product datasheet for **TP320903L**

### ApoER2 (LRP8) (NM\_017522) Human Recombinant Protein

#### Product data:

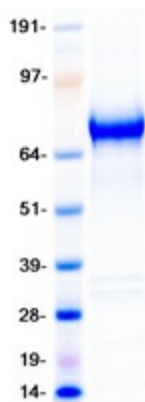
<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Recombinant protein of human low density lipoprotein receptor-related protein 8, apolipoprotein e receptor (LRP8), transcript variant 3, 1 mg
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>RC220903 representing NM_017522 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MGLPEPGPLRLLALLLLLLLLLLLQLQHLAAAAADPLLGGQGPAKDCEKDQFQCRNERCIPSVWRCEDD DCLDHSDEDDCPKKTCA DSDFTCDNGHCIHERWKCDGEECPDGSDESEATCTKQVCPAEKLSGPTSHK CVPASWRCDGEKDCEGGADEAGCATSLGTCRGDEFQCGDGTCLVLAIKHCNQEQDCPDGSDEAGCLOQLNE CLHNNGGC SHICTDLKIGFECTCPAGFQLLDQKTCGDI DECKDPDACSQICVNYKGYFKCECYPGYEMDL LTKNCKAAAGKSPSLIFTNRHEVRRIDLVKRNY SRLIPMLKNVVALDVEVATNRIYWCDLSYRKIYSAYM DKASDPKEQEVLI DEQLHSPEGLAVDWVHKHIYWTDSGNTISVATVDGGRRTLFSRNLSEPRAI AVDP LRGFMYSWDWGDQAKIEKSLNGVDRQTLVSDNIEWPNGITL DLSQRLYWVDSKLHQLSSIDFSGGNRK TLISSTDFLSHPFGIAVFEDKVFWDLENEAIFSANRLNGLEISILAENLNNPHDIVIFHELKQPRAPDA CELSVQPNGGCEYLCLPAPQISSHSPKYTCACPDTMWLGPDMKRCYRDANEDSKMGSTVTA AVIGIIVPI VWIALCMSGYLIWRNWKRKNTKSMNFDNPVYRKTTEEEDEDELHIGRTAQIGHVYPARVALSLEDDGLP
	<b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
<b>Tag:</b>	C-Myc/DDK
<b>Predicted MW:</b>	74.4 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.



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<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_059992</a>
<b>Locus ID:</b>	7804
<b>UniProt ID:</b>	<a href="#">Q14114</a>
<b>RefSeq Size:</b>	6994
<b>Cytogenetics:</b>	1p32.3
<b>RefSeq ORF:</b>	2100
<b>Synonyms:</b>	APOER2; HSZ75190; LRP-8; MCI1
<b>Summary:</b>	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]
<b>Protein Families:</b>	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]).