

## Product datasheet for TP527214

### Apod (NM\_007470) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse apolipoprotein D (Apod), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR227214 representing NM_007470 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MVTMLMFLATLAGLFTTAKGQNFHLGKCPSPVQENFDVKKYLGRWYEIEKIPASFEKGNCIQANYSLME NGNIEVLNKELSPDGTMNQVKGEAKQSNVSEPAKLEVQFFPLMPPAPYWILATDYENYALVYSCTTFFWL FHVDFWILGRNPYLPPEITITYLKDILTSNGIDIEKMTTDDQANCPDFL
	<b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-MYC/DDK
Predicted MW:	22 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:	<a href="#">NP_031496</a>
Locus ID:	11815
UniProt ID:	<a href="#">P51910</a>
RefSeq Size:	1862
Cytogenetics:	16 21.41 cM



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RefSeq ORF: 567

**Summary:** The protein encoded by this gene is a component of high-density lipoprotein (HDL), but is unique in that it shares greater structural similarity to lipocalin than to other members of the apolipoprotein family, and has a wider tissue expression pattern. The encoded protein is involved in lipid metabolism, and ablation of this gene results in defects in triglyceride metabolism. Elevated levels of this gene product have been observed in multiple tissues of Niemann-Pick disease mouse models, as well as in some tumors. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2014]