

Product datasheet for TP505831

Adipor1 (NM_028320) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse adiponectin receptor 1 (Adipor1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR205831 protein sequence Red=Cloning site Green=Tags(s)

MSSHKGSAGAQGNGAPSGNREADTVELAELGPLLEEKGKRAASSPAKAEEDQACPVPQEEEEVRLTLP
LQAHHAMEKMEEFVYKVVWEGRWVPIPYDVLDPWLKDNNDYLLHGRPPMPSFRACFKSIFRIHTETGNIWT
HLLGFVLFLLGILTMLRPNMYFMAPLQEKVVFGMFFLGAVLCLFSWLFHTVYCHSEKVSRTFSKLDYS
GIALLIMGSFVPWLYYSFYCSPQPRLIYLSIVCVLGISAIVAQWDRFATPKHRQTRAGVFLGLGLSGVV
PTMHFTIAEGFVKATTVGQMGWFFLMAVMYITGAGLYAARIPERFFPGKFDIWFQSHQIFHVLVAAAFAV
HFYGVSNLQEFRYGLEGGCTDDSL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	42.4 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
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_082596
Locus ID:	72674
UniProt ID:	Q91VH1 , Q53YY4 , Q3UPA4



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RefSeq Size: 2024

Cytogenetics: 1 E4

RefSeq ORF: 1128

Synonyms: 2810031L11Rik; ACDCR1; CGI-45; Paqr1

Summary: This gene encodes a receptor for the fat-derived hormone adiponectin. Binding of adiponectin to the encoded protein results in activation of an AMP-activated kinase signaling pathway which affects levels of fatty acid oxidation and insulin sensitivity. Homozygous knockout mice for this gene exhibit elevated plasma glucose and insulin levels as well as impaired glucose tolerance. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Apr 2015]