OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for TP504315

Ldlrad4 (NM_172631) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse low density lipoprotein receptor class A domain containing 4 (Ldlrad4), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR204315 protein sequence Red=Cloning site Green=Tags(s) MPEAGFQATNAFTECKFTCTSGKCLYLGSLVCNQQNDCGDNSDEENCLLVTEHPPPGIFNSELEFAQILI IVVVVTVMVVVVVCLLNHYKVSTRSFINRPNQSQRQEDGLQPEGSLWPSDSSVQRPGASEIMCAPRGRDR FTTPSFIQRDPFSRFQPTYPYVQHEIDLPPTISLSDGEEPPPYQGPCTLQLRDPEQQMELNRESVRAPPN RTVFDSDLIDISMYNGGPCPPSSHSGISAATCSSNGRMEGPPPTYSEVMGHYPGTSFFHHQHSNTHRGSR PQFQPNNSEGTIVPIKGKDRKPGDLV TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	33.9 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_766219
Locus ID:	52662
UniProt ID:	Q8BWJ4, Q4VAH9

View online »

RefSeq Size:	2493
Cytogenetics:	18 40.14 cM
RefSeq ORF:	921
Synonyms:	8230401C20Rik; A430083H02; A430108L08Rik; C18orf1; D18Ertd653e; D330030L18Rik
Summary:	Functions as a negative regulator of TGF-beta signaling and thereby probably plays a role in cell proliferation, differentiation, apoptosis, motility, extracellular matrix production and immunosuppression. In the canonical TGF-beta pathway, ZFYVE9/SARA recruits the intracellular signal transducer and transcriptional modulators SMAD2 and SMAD3 to the TGF-beta receptor. Phosphorylated by the receptor, SMAD2 and SMAD3 then form a heteromeric complex with SMAD4 that translocates to the nucleus to regulate transcription. Through interaction with SMAD2 and SMAD3, LDLRAD4 may compete with ZFYVE9 and SMAD4 and prevent propagation of the intracellular signal.[UniProtKB/Swiss-Prot Function]