

Product datasheet for TP316265M

LRRFIP1 (NM_004735) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human leucine rich repeat (in FLII) interacting protein 1 (LRRFIP1), transcript variant 4, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC216265 representing NM_004735 Red=Cloning site Green=Tags(s)

MTSPAAAQSREIDCLSPEAQKLAEARLAAKRAARAEAREIRMKELERQQKEEDSERYSRRSRRNTSASDE
DERMSVGSRGSLRVEERPEKDFTEKGSRNMPGLSAATLASLGGTSSRRGSGDTSISIDTEASIREIKDSL
AEVEEKYKKAMVSNAQLDNEKTNFMYQVDTLKDMLLEEEQLAESRRQYEEKNKEFEREKHAHSILQFQF
AEVKEALKQREEMLEKHGIILNSEIATNGETSDTLNNVGYQGPTKMTKEELNALKSTGDGTLGRASEVEV
KNEIVANVGKREILHNTEKEQHTEDTVKDCVDIEVFPAGENTEDQKSEDTAPFLGTLGATYEEQVQSQ
ILESSSLPENTVQVESNEVMGAPDDRTRTRPLEPSNCWSDLDDGGNHTENVGAAVTQVEEQAGTVASCPLG
HSDDTVYHDDKCMVEVPQELETSTGHSLEKEFTNQEAAPKEVPAHSTEVGRDHNEEEGETGLRDEKPI
KTEVPGSPAGTEGNCQEATGPSTVDTQNEPLDMKEPDEEKSDQQGEALDSSQKKTNNKKKKKKKSPVP
VETLKDVKKELTYQNTDLSEIKEEEQVKSTDRKSAVEAQNEVTENPKQKIAAESSENVDCPENPKIKLDG
KLDQEGDDVQTAAEEVLADGDTLDFEDDTVQSSGPRAGGEELDEGVAKDNAKIDGATQSSPAEPKSEAD
RCTLPEHESPSQDISDACEAESTERCSEMSEHPSQTVRKALDSNSLENDDLSAPGREPGHFNPESEDTRG
GNEKGKSKEDCTMS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

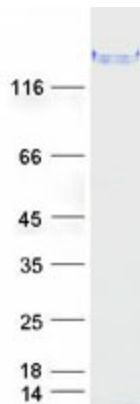
Tag:	C-Myc/DDK
Predicted MW:	86.2 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.



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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.
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_004726
Locus ID:	9208
UniProt ID:	Q32MZ4 , E9PGZ2
RefSeq Size:	3648
Cytogenetics:	2q37.3
RefSeq ORF:	2352
Synonyms:	FLAP-1; FLAP1; FLIAP1; GCF-2; GCF2; HUF1-1; TRIP
Summary:	Transcriptional repressor which preferentially binds to the GC-rich consensus sequence (5'-AGCCCCCGGCG-3') and may regulate expression of TNF, EGFR and PDGFA. May control smooth muscle cells proliferation following artery injury through PDGFA repression. May also bind double-stranded RNA. Positively regulates Toll-like receptor (TLR) signaling in response to agonist probably by competing with the negative FLII regulator for MYD88-binding. [UniProtKB/Swiss-Prot Function]
Protein Families:	Transcription Factors

Product images:



Coomassie blue staining of purified LRRFIP1 protein (Cat# [TP316265]). The protein was produced from HEK293T cells transfected with LRRFIP1 cDNA clone (Cat# [RC216265]) using MegaTran 2.0 (Cat# [TT210002]).