

Product datasheet for TP316265L

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, 1 mg
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
HSDDTVYHDDKCMVEVPQELETSTGHSLEKEFTNQEAAPKEVPAHSTEVGRDHNEEEGEETGLRDEKPI
KTEVPGSPAGTEGNCQEATGPSTVDTQNEPLDMKEPDEEKSDQQGEALDSSQKKTNNKKKKKSPVP
VETLKDVKKELTYQNTDLSEIKEEEQVKSTDRKSAVEAQNEVTENPKQKIAAESSENVDCPENPKIKLDG
KLDQEGDDVQTAAEEVLADGDTLDFEDDTVQSSGPRAGGEELDEGVAKDNAKIDGATQSSPAEPKSEDAD
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

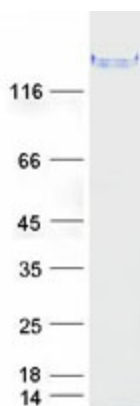
RefSeq ORF: 2352

Synonyms: FLAP-1; FLAP1; FLIAP1; GCF-2; GCF2; HUF1-1; TRIP

Summary: Transcriptional repressor which preferentially binds to the GC-rich consensus sequence (5'-AGCCCCGGCG-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]).