

## Product datasheet for PH316265

### LRRFIP1 (NM\_004735) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	LRRFIP1 MS Standard C13 and N15-labeled recombinant protein (NP_004726)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC216265
Predicted MW:	86.2 kDa
Protein Sequence:	>RC216265 representing NM_004735 Red=Cloning site Green=Tags(s)

MTSPAAAQSREIDCL.SPEAQKLAEARLAAKRAARAEAREIRMKELERQQKEEDSERYSRRSRRNTSASDE  
DERMSVGSRGLRVEERPEKDFTEKGSRNMPGLSAATLASLGGTSSRRGSGDTSISIDTEASIREIKDSL  
AEVEEKYKAMVSNAQLDNEKTNFMYQVDTLKDMLLELEEQLAESRRQYEEKNKEFEREKHAHSILQFQF  
AEVKEALKQREEMLEKHGIILNSEIATNGETSDTLNNGVYQGPTKMTKEELNALKSTGDGTLGRASEVEV  
KNEIVANVGKREILHNTEKEQHTEDTVKDCVDIEVFPAGENTEDQKSSSEDAPFLGTLGATYEEQVQSQ  
ILESSSLPENTVQVESNEVMGAPDDRTRTRPLEPNSCWSLDGGNHTENVGEAAVTQVEEQAGTVASCPLG  
HSDDTVYHDDKCMVEVPQLELETSTGHSLEKEFTNQEAAPKEVPAHSTEVGRDHNEEEGETGLRDEKPI  
KTEVPGPSAGTEGNCQEATGPSTVDTQNEPLDMKEPDEEKSDQQGEALDSSQKTKNKKKKKSPVP  
VETLKDVKKELTYQNTDLSEIKEEEQVKSTDRKSAVEAQNEVTENPKQKIAAESSENVDCPENPKIKLDG  
KLDQEGDDVQTAEEVLADGDTLDFEDDTVQSSGPRAGGEELDEGVAKDNAKIDGATQSSPAEPKSEAD  
RCTLPEHESPSQDISDACEAESTERCMEHPSQTVRKALDSNSLENDDLAPGREPGHFNPESEDTRG  
GNEKGKSKEDCTMS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_004726</a>



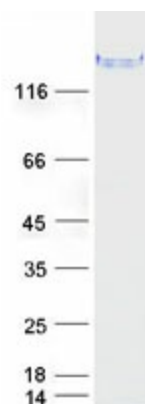
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RefSeq Size:	3648
RefSeq ORF:	2352
Synonyms:	FLAP-1; FLAP1; FLIAP1; GCF-2; GCF2; HUF1-1; TRIP
Locus ID:	9208
UniProt ID:	<a href="#">Q32MZ4</a> , <a href="#">E9PGZ2</a>
Cytogenetics:	2q37.3

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