

## Product datasheet for TP325687

### LRRFIP2 (NM\_001134369) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens leucine rich repeat (in FLII) interacting protein 2 (LRRFIP2), transcript variant 3, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC225687 representing NM_001134369 Red=Cloning site Green=Tags(s)

MGTPASGRKRTPVKDRFSAEDEALSNIAREAEARLAAKRAARAEARDIRMRELERQKELDEKSDKQYAE  
NYTRPSSRNSASATTPLSGNSSRRGSGDTSSLIDPDTLSSELRDYDLKDQIQDVEGRYMQGLKELKESL  
SEVEEKYKKAMVSNAQLDNEKNNLIYQVDTLKDVIIEEQEEMAEFYRENEEKSKELERQKHMCSVLQHKM  
EELKEGLRQRDELIEKHGLVIIPDGTPNGDVSHEPVAGAITVVSQEAQVLESAGEGPLDVRLRKLAGEK  
EELLSQIRKLLKLEEEERQKCSRNDGTVGDLAGLQNGSDLQFIEMQRDANRQISEYKFKLSKAEQDITTL  
EQSISRLEGQVLRKYKTAENAEEKVEDELKAEKRKLQRELRTALDKIEEMEMTNSHLAKRLEKMKANRTAL  
LAQQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	48.1 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.
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.



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RefSeq: [NP\\_001127841](#)

Locus ID: 9209

UniProt ID: [Q9Y608](#), [A8K649](#)

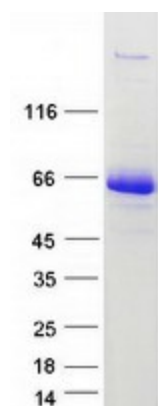
Cytogenetics: 3p22.2

RefSeq ORF: 1272

Synonyms: HUPI-2

**Summary:** The protein encoded by this gene, along with MYD88, binds to the cytosolic tail of toll-like receptor 4 (TLR4), which results in activation of nuclear factor kappa B signaling. The ubiquitin-like protein FAT10 prevents the interaction of the encoded protein and TLR4, thereby inactivating the nuclear factor kappa B signaling pathway. In addition, this protein can downregulate the NLRP3 inflammasome by recruiting the caspase-1 inhibitor Flightless-I to the inflammasome complex. [provided by RefSeq, Jan 2017]

### Product images:



Coomassie blue staining of purified LRRFIP2 protein (Cat# TP325687). The protein was produced from HEK293T cells transfected with LRRFIP2 cDNA clone (Cat# [RC225687]) using MegaTran 2.0 (Cat# [TT210002]).