

Product datasheet for PH325687

LRRFIP2 (NM_001134369) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	LRRFIP2 MS Standard C13 and N15-labeled recombinant protein (NP_001127841)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC225687
Predicted MW:	48.1 kDa
Protein Sequence:	>RC225687 representing NM_001134369 Red=Cloning site Green=Tags(s)

MGTPASGRKRTPVKDRFSAEDEALSNIAREAEARLAAKRAARAEARDIRMRELERQQKELDEKSDKQYAE
NYTRPSSRNSASATTPPLSGNSSRRGSGDTSSLIDPDTSLSELRDIYDLKDQIQDVEGRYMQGLKELKESL
SEVEEKYKAMVSNAQLDNEKNNLIYQVDTLKDVIIEEQEEQMAEFYRENEEKSKELERQKHMCSVLQHKM
EELKEGLRQRDELIEKHGLVIIIPDGTNGDVSHEPVAGAITVVSQEAQVLESAGEGLDVRRLKLAGEK
EELLSQIRKLLQLEEERQKCSRNDGTVGDLAGLQNGSDLQFIEMQRDANRQISEYKFKLSKAEQDITTL
EQSISRLEGQVLRKYKTAENAEEKVEDELKAEKRKLQRELRTALDKIEEMEMTNSHLAKRLEKMKANRTAL
LAQQ

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- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-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:	<u>NP_001127841</u>
RefSeq ORF:	1272
Synonyms:	HUFI-2
Locus ID:	9209



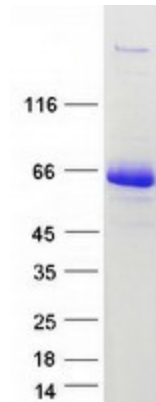
[View online »](#)

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

Cytogenetics: 3p22.2

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]).