

Recombinant Human LRRFIP2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. LRRFIP2-495H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	LRRFIP2 MS Standard C13 and N15-labeled recombinant protein (NP_001127841) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	48.1 kDa
AA Sequence	MGTPASGRKRTPVKDRFSAEDEALSNIAREAEARLAAKRAARAEARDIRMRELERQ QKELDEKSDKQYAENYTRPSSRNSASATTPLSGNSSRRGSGDTSSLIDPDTLSSEL RDIYDLKDQIQDVEGRYMQGLKELKESLSEVEEKYKKAMVSNAQLDNEKNNLIYQVD TLKDVIEEQEEQMAEFYRENEEKSKELERQKHMCSVLQHKEELKEGLRQRDELIE KHGLVIIPDGTPNGDVSHEPVAGAITVVSQEAQVLESAGEGPLDVRLRKLAGEKEE LLSQIRKLKLQLEERQKCSRNDGTVGDLAQLNGSDLQFIEMQRDANRQISEYKFK LSKAEQDITTLEQSISRLEGQVRLRYKTAAENAEEKVEDELKAEKRKLQRELRTALDKIE

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	EMEMTNSHLAKRLEKMKANRTALLAQQTRTRPLEQKLISEEDLAANDILDYKDDDDK V
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	LRRFIP2 LRR binding FLII interacting protein 2 [Homo sapiens (human)]
Official Symbol	LRRFIP2
Synonyms	LRRFIP2; leucine rich repeat (in FLII) interacting protein 2; leucine-rich repeat flightless-interacting protein 2; HUFI 2; LRR FLII-interacting protein 2; HUFI-2; FLJ20248; FLJ22683; FLJ58304; DKFZp434H2035;
Gene ID	9209
mRNA Refseq	NM_001134369
Protein Refseq	NP_001127841
MIM	614043

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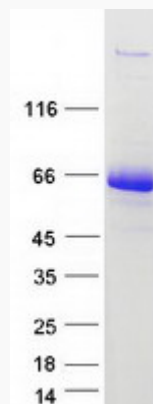
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UniProt ID

Q9Y608

SDS-PAGE

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