

Recombinant Human Leucine-rich repeat flightless-interacting protein 1(LRRFIP1),partial

Catalog No: #AP70515

Package Size: #AP70515-1 20ug #AP70515-2 100ug #AP70515-3 1mg

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Description

Product Name	Recombinant Human Leucine-rich repeat flightless-interacting protein 1(LRRFIP1),partial
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-314aaSequence Info:Partial of Isoform 3
Other Names	GC-binding factor 2TAR RNA-interacting protein
Accession No.	Q32MZ4
Calculated MW	40.1 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	MTSPAAQSREIDCLSPEAQKLAEARLAARKRAAREAREIRMKELERQQKEVEERPEKDFTEKGSRNMPGLS AATLASLGGTSSRRGSGDTSISIDTEASIREIKDSLAEVEEKYKKAMVSNAQLDNEKTNFMYQVDTLKDMLEL EEQLAESRRQYEEKNKEFEREKHAHSILQFQAEVKEALKQREEMLEKHGIILNSEIATNGETSDTLNNGVYQG PTKMTKEELNALKSTGDGTLGRASEVEVKNEIVANVGKREILHNTEKEQHTEDTVKDCVDIEVFPAGENTEDQ KSSEDTPFLGTLGATYEEQSLSTCSLDR
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Transcriptional repressor which preferentially binds to the GC-rich consensus sequence (5'-AGCCCCCGGCG-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.

References

An enzyme assisted RP-RPLC approach for in-depth analysis of human liver phosphoproteome.Bian Y., Song C., Cheng K., Dong M., Wang F., Huang J., Sun D., Wang L., Ye M., Zou H.J. Proteomics 96:253-262(2014)Research Topic:Transcription

Note: This product is for in vitro research use only and is not intended for use in humans or animals.