

Recombinant Full Length Human LARP1 Protein, GST-tagged

Cat. No. LARP1-6966HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human full-length LARP1(1 a.a. - 1019 a.a.), fused with GST-tag at N-terminal, was expressed in wheat germ.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	1096 amino acids
Description	Enables eukaryotic initiation factor 4E binding activity; nucleic acid binding activity; and ribosomal small subunit binding activity. Involved in several processes, including TORC1 signaling; cellular response to rapamycin; and postranscriptional regulation of gene expression. Located in cytoplasmic stress granule. Colocalizes with TORC1 complex and polysomal ribosome.
Molecular Mass	142.9 kDa
AA Sequence	MLWRVLLSKRPPFPHPPELDFQEAPIPSCPGRLPGRKNSVALAAAPRKEPTGDREKP LPFPVLAPFSNPEHSAPAK VVRAAVPKQRKGSKVGDFGDAINWPTPGEIAHKSQVP QSHKPQPTRKLPPKKDMKEQEKGEKSDSKESPKTKSDE SGEEKNGDEDCQRRGGQ KKKGNKHKWVPLQIDMKPEVPREKLASRPTRPPEPRHIPANRGEIKGSESATYVPVA PP TPAWQPEIKPEPAWHDQDETSSVKSDGAGGARASFRGRGRGRGRGRGRGRG GTRTHFDYQFGYRKFDGVEGPRTP KYMNNITYYFDNVSSTELYSVDQELLKDYIKR QIEYYFSVDNLERDFFLRKMDADGFLPITLIASFHRVQALTT DISLIFAALKDSKVVEI VDEKVRREEPEKWPLPPIVDYSQTDFSQLLNCPEFVPRQHYQKETESAPGSPRAV

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TP VPTKTEEVSNLKTLPKGLSASLPDLSENWIEVKKRPRPSPARPKKSEESRFSHL
 TSLPQQQLPSQQQLMSKDQDEQ EELDFLFDEEMEQMDGRKNTFTAWSDEESDYEIDD
 RDVNKILIVTQTPHYMRRHPGGDRTGNHTSRAKMSAELAK VINDGLFYEQDLWAE
 KFEPEYSQIKQEVENFKKVNMSREQFDLTPEPPVDPNQEVPPGPPRFQQVPTDAL
 AN KLFGAPEPSTIARSLPTTVPESPNYRNRTRTPRTPRTPQLKDSSQTSRFYPVVKEG
 RTLDAKMPRKRKTRHSSNPP LESHVGWVMDSREHRPRTASISSPSEGTPTVGSY
 GCTPQSLPKFQHPSHELLKENGFTQHVVYHKYRRRCLNERK RLGIGQSQEMNTLFR
 FWSFLLRDHFNKKMYEEFKQLALEDAKEGYRYGLECLFRYYSYGLEKKFRLDIFKDF
 QEE TVKDYEAGQLYGLEKFWAFLKYSAKNLDIDPKLQEYLGKFRRLDFRVDPPM
 GEEGNHKRHSVVAGGGGGEGGRK RCPSQSSSRPAAMISQPPTPPTGQPVREDAK
 WTSQHSNTQTLGK

Applications ELISA; WB-Re; AP; Array

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name LARP1 La ribonucleoprotein domain family, member 1 [Homo sapiens (human)]

Official Symbol LARP1

Synonyms LARP1; LARP; La ribonucleoprotein domain family, member 1; la-related protein 1

Gene ID 23367

mRNA Refseq NM_015315

Protein Refseq NP_056130

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MIM	612059
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UniProt ID	Q6PKG0
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