

Leucine-rich glioma-inactivated protein 1 (LGI1) Recombinant Protein | LGI1 recombinant protein

Recombinant Human Leucine-rich glioma-inactivated protein 1 (LGI1)

CATALOG # AAA114464	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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PRODUCT SYNONYMS

Leucine-rich glioma-inactivated protein 1 (LGI1); Recombinant Human Leucine-rich glioma-inactivated protein 1 (LGI1); LGI1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	35-557aa; Full Length of Mature Protein
Sequence	KKPAKPKCPA VCTCTKDNL CENARSIPRT VPPDVISLSF VRSGFTEISE GSFLFTPSLQ LLLFTSNSFD VISDDAFIGL PHLEYLFIE NNIKSISRHT FRGLKSLIHL SLANNNLQTL PKDIFKGLDS LTNVDLRGNS FNCDCKLKWL VEWLGHTNAT VEDIYCEGPP EYKKRKINSL SSKDFDCIT EFAKSQDLPY QSLSIDTFSY LNDEYVIAQ PFTGKCIFLE WDHVEKTFRN YDNITGTSTV VCKPIVIETQ LYVIVAQLFG GSHYKRDSE ANKFIQDI EILKIRKPN IETFKIENN WYFVADSSKA GFTTIYKWNG NGFYSHQSLH AWYRDTDVEY LEIVRTPQT RTPHLILSSS SQRPIYQWN KATQLFTNQT DIPNMEVDYA VKHFSVKGDV YICLTRFIGD SKVMKWGGSS FQDIQRMP SR GSMVFQPLQI NNYQYAILGS DYSFTQVYNW DAEKAKFVKF QELNVQAPRS FTHVSINKRN FLFASSFKN TQYKHVID LSA
Species	Human
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for LGI1 recombinant protein	This gene is rearranged as a result of translocations in glioblastoma cell lines. The protein contains a hydrophobic segment representing a putative transmembrane domain with the amino terminus located outside the cell. It also contains leucine-rich repeats with conserved cysteine-rich flanking sequences. This gene is predominantly expressed in neural tissues and its expression is reduced in low grade brain tumors and significantly reduced or absent in malignant gliomas. Mutations in this gene result in autosomal dominant lateral temporal epilepsy.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	815891250
NCBI GeneID	9211
NCBI Accession #	NP_001295204.1
NCBI GenBank Nucleotide #	NM_001308275.1
UniProt Accession #	O95970; Q5W001; Q5W002; Q8NI23; Q96LF5; A8K0Z1; B4E1S0
Molecular Weight	58,302 Da
NCBI Official Full Name	leucine-rich glioma-inactivated protein 1 isoform 2

NCBI Official Synonym Full Names	leucine rich glioma inactivated 1
NCBI Official Symbol	LGI1
NCBI Official Synonym Symbols	EPT; ETL1; ADLTE; ADPAEF; ADPEAF; IB1099; EPITEMPIN
NCBI Protein Information	leucine-rich glioma-inactivated protein 1
UniProt Protein Name	Leucine-rich glioma-inactivated protein 1
UniProt Gene Name	LGI1
UniProt Synonym Gene Names	EPT

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/lgi1-recombinant-protein-e-coli/114464>