

Recombinant Human LGI1 protein, His&Myc-tagged

Cat. No. LGI1-4353H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LGI1 protein(O95970)(224-557aa), fused to N-terminal His tag and C-terminal Myc tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	224-557aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	47.7 kDa
AA Sequence	TEFAKSQDLPHYQSLSIDTFSYLNDEYVVIAQPFTGKCIFLEWDHVEKTFRNYDNITGT STVVCKPIVIETQLYVIVAQLFGGSHIYKRDSFANKFIKIQDIEILKIRKPNDIETFKIENN WYFVVADSSKAGFTTIYKWNGNGFYSHQSLHAWYRDTDVEYLEIVRTPQTLRTPHLI LSSSSQRPVIYQWNKATQLFTNQTDIPNMEDVYAVKHFSVKGDVYICLTRFIGDSKV MKWGGSSFQDIQRMPSRGSVMVFQPLQINNYQYAILGSDYSFTQVYNWDAEKAKFV KFQELNVQAPRSFTHVSINKRNFLFASSFKGNTQIYKHVIVDLSA
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated

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freeze-thaw cycles.

Reconstitution

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

GENE INFORMATION

Gene Name [LGI1 leucine-rich, glioma inactivated 1 \[Homo sapiens \]](#)

Official Symbol [LGI1](#)

Synonyms

LGI1; leucine-rich, glioma inactivated 1; epilepsy, partial , EPT; leucine-rich glioma-inactivated protein 1; EPITEMPIN; ETL1; IB1099; epitempin-1; EPT; ADLTE; ADPAEF;

Gene ID [9211](#)

mRNA Refseq [NM_005097](#)

Protein Refseq [NP_005088](#)

MIM [604619](#)

UniProt ID [O95970](#)

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