

Recombinant Human LGI1 protein, His-PDI-tagged

Cat. No. LGI1-5363H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LGI1 protein(O95970)(35-557aa), fused with N-terminal His and PDI tag, was expressed in Yeast.
Species	Human
Source	Yeast
ProteinLength	35-557aa
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	118.9 kDa
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. 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.

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AA Sequence

KKPAKPKCPAVCTCTKDNALCENARSIPRTVPPDVISLSFVRSGFTEISEGSFLFTPS
 LQLLFTSNSFDVISDDAFIGLPHLEYLFIENNNIKSISRHTFRGLKSLIHLSLANNNLQT
 LPKDIFKGLDSL TNVDLRGNSFNCDCKLKWLVEWLGHTNATVEDIYCEGPPEYKKRK
 INSLSSKDFDCIITEFAKSQDLPYQSLSDTFSYLNDEYVIAQPFTGKCIFLEWDHVEK
 TFRNYDNITGTSTVVCKPIVIETQLYVIVAQLFGGSHIYKRDSFANKFIKIQDIEILKIRKP
 NDIETFKIENNWFVADSSKAGFTTIYKWNGNGFYSHQSLHAWYRDTDVEYLEIVR
 TPQTLRTPHLILSSSSQRPVIYQWNKATQLFTNQTDIPNMEDVYAVKHFSVKGDVYIC
 LTRFIGDSKVMKWGGSSFQDIQRMPSRGSMVFQPLQINNYQYAILGSDYSFTQVYN
 WDAEKAKFVKFQELNVQAPRSFTHVSINKRNFLFASSFKGNTQIYKHVIVDLSA

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](#)

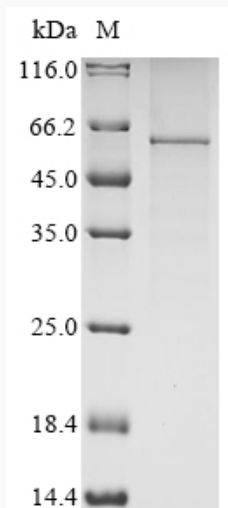
MIM [604619](#)

UniProt ID [O95970](#)

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SDS-PAGE

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