

## Recombinant Human LGI1 protein, His-PDI-tagged

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

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                    |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human LGI1 protein(O95970)(35-557aa), fused with N-terminal His and PDI tag, was expressed in Yeast.                                                                                                                                                                                                   |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                              |
| <b>Source</b>           | Yeast                                                                                                                                                                                                                                                                                                              |
| <b>ProteinLength</b>    | 35-557aa                                                                                                                                                                                                                                                                                                           |
| <b>Form</b>             | 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.                                                                                 |
| <b>Molecular Mass</b>   | 118.9 kDa                                                                                                                                                                                                                                                                                                          |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                        |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                     |
| <b>Reconstitution</b>   | 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. |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**AA Sequence**

KKPAKPKCPAVCTCTKDNALCENARSIPRTVPPDVISLSFVRSGFTEISEGSFLFTPS  
 LQLLFTSNSFDVISDDAFIGLPHLEYLFIENNNIKSISRHTFRGLKSLIHLSLANNNLQT  
 LPKDIFKGLDSL TNVDLRGNSFNCDCKLKWLVEWLGHTNATVEDIYCEGPPEYKKRK  
 INSLSSKDFDCIITEFAKSQDLPYQSLSDTFSYLNDEYVIAQPFTGKCIFLEWDHVEK  
 TFRNYDNITGTSTVVCKPIVIETQLYVIVAQLFGGSHIYKRDSFANKFIKIQDIEILKIRKP  
 NDIETFKIENNWFVADSSKAGFTTIYKWNGNGFYSHQSLHAWYRDTDVEYLEIVR  
 TPQTLRTPHLILSSSSQRPVIYQWNKATQLFTNQTDPNMEDVYAVKHFSVKGDVYIC  
 LTRFIGDSKVMKWGGSSFQDIQRMPSRGSMVFQPLQINNYQYAILGSDYSFTQVYN  
 WDAEKAKFVKFQELNVQAPRSFTHVSINKRNFLFASSFKGNTQIYKHVIVDLA

**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](#)

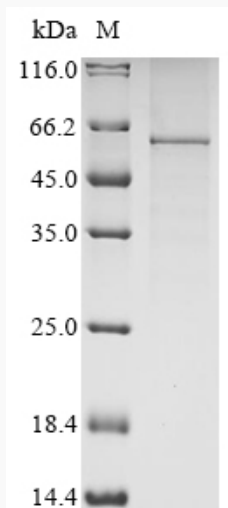
**MIM** [604619](#)

**UniProt ID** [O95970](#)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**SDS-PAGE**

Tel: 1-631-559-9269 1-516-512-3133

Email: [info@creative-biomart.com](mailto:info@creative-biomart.com) Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA