

LGI4 Protein, Human, Recombinant (His)

General Information

Synonyms:	LGI1-like protein 3;LGIL3;Leucine-rich glioma-inactivated protein 4;Leucine-rich repeat LGI family member 4;LGI4
Protein Construction:	20-537 aa
Species:	Human
Expression Host:	E. coli
Accession:	Q8N135
Molecular Weight:	61.6 kDa (Predicted)
AA Sequence:	WRPPK GK C PL R C S C S K D S A L C E G S P D L P V S F S P T L L S L S L V R T G V T Q L K A G S F L R I P S L H L L L F T S N S F S V I E D D A F A G L S H L Q Y L F I E D N E I G S I S K N A L R G L R S L T H L S L A N N H L E T L P R F L F R G L D T L T H V D L R G N P F Q C D C R V L W L L Q W M P T V N A S V G T G A C A G P A S L S H M Q L H H L D P K T F K C R A I E L S W F Q T V G E S A L S V E P F S Y Q G E P H I V L A Q P F A G R C L I L S W D Y S L Q R F R P E E L P A A S V V S C K P L V L G P S L F V L A A R L W G G S Q L W A R P S P G L R L A P T Q T L A P R R L L R P N D A E L L W L E G Q P C F V V A D A S K A G S T T L L C R D G P G F Y P H Q S L H A W H R D T D A E A L E L D G R P H L L L A S A S Q R P V L F H W T G G R F E R R T D I P E A E D V Y A T R H F Q A G G D V F L C L T R Y I G D S M V M R W D G S M F R L L Q Q L P S R G A H V F Q P L L I A R D Q L A I L G S D F A F S Q V L R L E P D K G L L E P L Q E L G P P A L V A P R A F A H I T M A G R R F L F A A C F K G P T Q I Y Q H H E I D L S A

QC Testing

Biological Activity:	Activity has not been tested. It is theoretically active, but we cannot guarantee it.
Purity:	>90% as determined by SDS-PAGE.
Endotoxin:	< 1.0 EU/μg of the protein as determined by the LAL method.
Formulation:	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.

Preparation and Storage

Reconstitution:	Reconstitute the lyophilized protein in sterile deionized water. The product concentration should not be less than 100 μg/ml. Before opening, centrifuge the tube to collect powder at the bottom. After adding the reconstitution buffer, avoid vortexing or pipetting for mixing.
Stability & Storage:	Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots. <small>Actual storage temperature shall be subject to the COA.</small>

Shipping:	In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.
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