

Recombinant Human LGI3 protein, His-tagged

Cat. No. LGI3-7575H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LGI3 protein(367-548 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	367-548 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients.
AASequence	IVSSSSQAPVIYQWSRTQKQFVAQGEVTQVPDAQAVKHFRAGRDSYLCLSRIGDS KILRWEGTRFSEVQALPSRGSALQPFLVGGRRYLALGSDFSFTQIYQWDEGRQKF VRFQELAVQAPRAFCYMPAGDAQLLAPSFKGQTLVYRHIVVDLSA
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25

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g/μl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

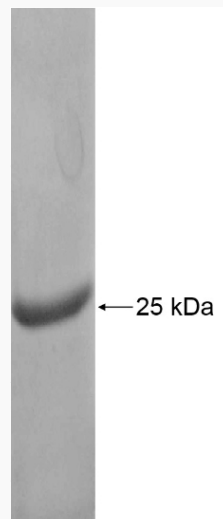
Gene Name	LGI3 leucine-rich repeat LGI family, member 3 [Homo sapiens]
Official Symbol	LGI3
Synonyms	LGI3; leucine-rich repeat LGI family, member 3; leucine-rich repeat LGI family member 3; LGI1-like protein 4; leucine-rich glioma-inactivated protein 3; LGIL4;
Gene ID	203190
mRNA Refseq	NM_139278
Protein Refseq	NP_644807
MIM	608302
UniProt ID	Q8N145

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SDS-PAGE



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