

Recombinant Mouse Lgi3 Protein, His-tagged

Cat. No. Lgi3-1735M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Lgi3 Protein (Lys261-Ala548) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Lys261-Ala548
Description	Predicted to enable catalytic activity. Involved in regulation of exocytosis. Located in synaptic vesicle. Is expressed in several structures, including autpod; central nervous system; gut; lung; and retina. Orthologous to human LGI3 (leucine rich repeat LGI family member 3).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 36.8 kDa Accurate Molecular Mass: 34 kDa
Purity	> 97%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for

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	48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

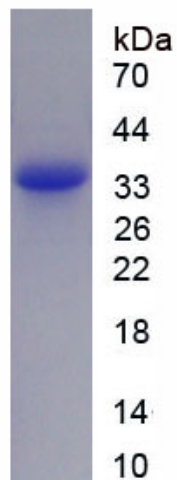
GENE INFORMATION

Gene Name	Lgi3 leucine-rich repeat LGI family, member 3 [Mus musculus (house mouse)]
Official Symbol	Lgi3
Synonyms	LGI3; leucine-rich repeat LGI family, member 3; leucine-rich repeat LGI family member 3; leubrin; leucine-rich glioma-inactivated protein 3; AI841179; AW049851;
Gene ID	213469
mRNA Refseq	NM_145219
Protein Refseq	NP_660254
UniProt ID	Q8K406

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