

Recombinant Mouse IgLON5 Protein, His tagged

Cat. No. IgLON5-02M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse IgLON5 Protein (31-309 aa) with His tag was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	31-309 aa
Description	Acts upstream of or within motor behavior and neuromuscular process controlling balance. Predicted to be located in extracellular region. Is expressed in central nervous system; peripheral nervous system ganglion; and sensory organ. Orthologous to human IGLON5 (IgLON family member 5).
AASequence	QSLEFSSPADNYTVCEGDNATLSCFIDEHVTRVAWLNRSNILYAGNDRWTSDPRVR LLINTPEEFSILITQVGLGDEGLYTCSFQTRHQPYYTQVYLIVHVPARIVNISSPVAVNE GGNVNLLCLAVGRPEPTVTWRQLRDGFTSEGEILEISDIQRGQAGEYECVTHNGVN SAPDSRRVLVTVNYPPTITDVTSARTALGRAALLRCEAMAVPPADQWYKDDRLLSS GSAEGLKVQTERTRSMLLFANVSARHYGNYTCRAANRLGASSASMRLLRPHHHHH HHH
Molecular Mass	31 kDa
Endotoxin	< 1 EU/μg determined by LAL.

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Purity	> 90% by SDS-PAGE
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Lyophilized from PBS, pH7.4, 5% Trehalose, 5% Mannitol
Reconstitution	It is recommended that sterile water be added to the vial to prepare at centigrade solution. Centrifuge the vial at 4 centigrade before opening to recover the entire contents.

GENE INFORMATION

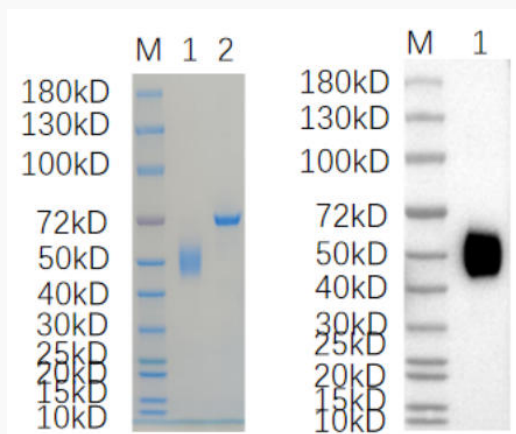
Gene Name	Iglon5 IgLON family member 5 [<i>Mus musculus</i> (house mouse)]
Official Symbol	Iglon5
Synonyms	Iglon5; IgLON family member 5; Gm1431; A230106M20Rik; igLON family member 5
Gene ID	210094
mRNA Refseq	NM_001164518
Protein Refseq	NP_001157990
UniProt ID	Q8HW98

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SDS-PAGE



Reducing 4%-20% SDS-PAGE (CBB stained) and WB (Anti-His Mouse Monoclonal antibody) analysis profiles of purified IgLON5. 1. IgLON5: 1 μ g 2. BSA: 1 μ g