

Recombinant Mouse Islr Protein, FLAG-tagged

Cat. No. ISLR-8330M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of Mouse immunoglobulin superfamily containing leucine-rich repeat (Islr), with C-terminal Flag tag, was expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Located in extracellular space. Is expressed in several structures, including embryo mesenchyme; genitourinary system; meninges; musculature; and retina layer. Orthologous to human ISLR (immunoglobulin superfamily containing leucine rich repeat).
Molecular Mass	45.6 kDa
AA Sequence	MRALCLLCWAVLLNLVRACPEPCDCGEKYGFQIADCAYRDLEGVPPGFANVTTL LSANRLPGLPEGAFREVPLLQSLWLAHNEIRSVAIGALAPLSHLKSLDLSHNLLSEFA WSDLHNLSALQLLKMDSNELAFIPRDAFSSLSALRSLQLNHNRLHALAEGTFAPLTAL SHLQINDNPFDCCTCGIVWFKTWALASAVSIPEQDNIACCTPHVLKGIPLGRLPPLPCS APSVQLSYQPSQDGAELRPGFVLALHCDVDGQVPVQLHWHIHTPGGTVEIASPNVG TDGRALPGALATSGQPRFQAFANGSLLIPDFGKLEEGTYSCLATNELGSAESSVNVA LATPGEGGEDAVGHKFHKGAVEGKGCYTVDNEVQPSGPEDNVVYIYLSRAGPPEAA IAADGRPAQQFSGILLGQSLLVLSFFYFTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Notes	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
GENE INFORMATION	
Gene Name	Islr immunoglobulin superfamily containing leucine-rich repeat [Mus musculus (house mouse)]
Official Symbol	Islr
Synonyms	Islr; immunoglobulin superfamily containing leucine-rich repeat; Meflin; immunoglobulin superfamily containing leucine-rich repeat protein; mesenchymal stromal cell- and fibroblast-expressing Linx paralogue
Gene ID	26968
mRNA Refseq	NM_012043
Protein Refseq	NP_036173
UniProt ID	Q6GU68

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