

Recombinant Mouse Impg1 Protein, Myc/DDK-tagged

Cat. No. Impg1-3533M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length interphotoreceptor matrix proteoglycan 1 (Impg1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Chondroitin sulfate-, heparin- and hyaluronan-binding protein. May serve to form a basic macromolecular scaffold comprising the insoluble interphotoreceptor matrix.
Molecular Mass	89.5 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
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, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	Impg1 interphotoreceptor matrix proteoglycan 1 [Mus musculus (house mouse)]
Official Symbol	Impg1
Synonyms	IMPG1; interphotoreceptor matrix proteoglycan 1; IPM-150; sialoprotein associated with cones and rods; interphotoreceptor matrix proteoglycan of 150 kDa; SPACR; IMP150; A930015H12Rik
Gene ID	63859
mRNA Refseq	NM_022016
Protein Refseq	NP_071299
UniProt ID	Q8R1W8

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