Recombinant Mouse Impa1 Protein, Myc/DDK-tagged

Cat. No. Impa1-3529M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length inositol (myo)-1(or 4)-monophosphatase 1 (cDNA clone MGC:61322 IMAGE:6419835), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Ubiquitous expression in bladder adult (RPKM 9.6), cerebellum adult (RPKM 9.5) and 28 other tissues.
Molecular Mass	29.9 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

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Gene Name	Impa1 inositol (myo)-1(or 4)-monophosphatase 1 [Mus musculus (house mouse)]
Official Symbol	Impa1
Synonyms	Impa1; inositol (myo)-1(or 4)-monophosphatase 1; AI325909; 2610002K09Rik; 2900059K10Rik; inositol monophosphatase 1; D-galactose 1-phosphate phosphatase; IMP 1; IMPase 1; inositol-1(or 4)-monophosphatase 1; lithium-sensitive myo-inositol monophosphatase A1; myo-inositol monophosphatase 1; EC 3.1.3.25; EC 3.1.3.94
Gene ID	55980
mRNA Refseq	NM_018864
Protein Refseq	NP_061352
UniProt ID	Q924B0

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