

Recombinant Mouse Irag1 Protein, Myc/DDK-tagged

Cat. No. Irag1-4178M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length MRV integration site 1 (Mrvi1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	This gene is a putative tumor suppressor gene that is frequently disrupted by mouse AIDS-related virus (MRV). The encoded protein participates in signaling by nitric oxide (NO) to inhibit intracellular calcium release and platelet aggregation in cardiovascular tissue. Alternative splicing results in multiple transcript variants encoding different isoforms.
Molecular Mass	100.3 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.

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GENE INFORMATION

Gene Name	Irag1 inositol 1,4,5-triphosphate receptor associated 1 [Mus musculus (house mouse)]
Official Symbol	Irag1
Synonyms	Irag1; inositol 1,4,5-triphosphate receptor associated 1; R; Irag; Ris1; Mrvi1; BB115629; inositol 1,4,5-triphosphate receptor associated 1; JAW1-related protein MRVI1; MRV integration site 1; inositol 1,4,5-triphosphate receptor-associated cGMP kinase substrate; inositol 1,4,5-trisphosphate receptor-associated cGMP kinase substrate; murine retrovirus integration site 1 protein; protein MRVI1; retroviral integration site 1
Gene ID	17540
mRNA Refseq	NM_010826
Protein Refseq	NP_034956
UniProt ID	G5E8V5

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