

Recombinant Mouse Reg2 Protein (Gln23-Ala173), N-His tagged

Cat. No. Reg2-6788M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant mouse Reg2 (Gln23-Ala173) fused with the N-terminal His tag was expressed in mammalian cells.
Species	Mouse
Source	Mammalian Cells
ProteinLength	Gln23-Ala173
Description	Predicted to enable several functions, including identical protein binding activity; peptidoglycan binding activity; and protein phosphatase binding activity. Acts upstream of or within myelination and suckling behavior. Located in collagen-containing extracellular matrix. Is expressed in several structures, including gut; male reproductive gland or organ; and mesenteric adipose tissue. Human ortholog (s) of this gene implicated in type 1 diabetes mellitus. Orthologous to several human genes including REG1A (regenerating family member 1 alpha).
Form	Lyophilized powder/frozen liquid
Molecular Mass	16.61 kDa
Purity	> 90 % as determined by SDS-PAGE
Notes	For research use only.

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Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.
Storage Buffer	Supplied as solution form in PBS or lyophilized from PBS.
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	They are shipped out with dry ice/blue ice unless customers require otherwise.

GENE INFORMATION

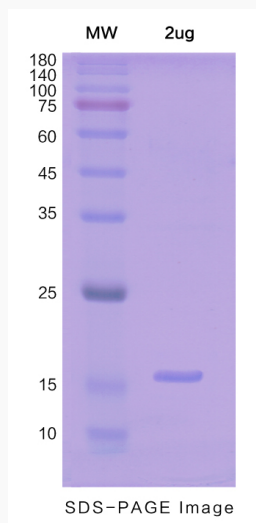
Gene Name	Reg2 regenerating islet-derived 2 [Mus musculus (house mouse)]
Official Symbol	Reg2
Synonyms	Reg2; regenerating islet-derived 2; PSP; PTP; REG-2; lithostathine-2; islet of Langerhans regenerating protein 2; pancreatic stone protein 2; pancreatic thread protein 2; regenerating islet-derived, mouse homolog 2
Gene ID	19693
mRNA Refseq	NM_009043
Protein Refseq	NP_033069
UniProt ID	Q08731

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SDS-PAGE



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