

Recombinant Mouse Reg2 Protein, His-tagged

Cat. No. Reg2-988M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant mouse REG2 (NP_033069.1) (Met1-Ala173) was expressed with a C-terminal polyhistidine tag.
Species	Mouse
Source	HEK293
ProteinLength	1-173 a.a.
Predicted N Terminal	Gln 23
Form	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
Molecular Mass	The recombinant mouse REG2 comprises 162 amino acids and has a predicted molecular mass of 18.3 kDa. The apparent molecular mass of the protein is approximately 19.1 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>95 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [Reg2 regenerating islet-derived 2 \[Mus musculus \]](#)

Official Symbol [Reg2](#)

Synonyms RegII; PSP; PTP; REG-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](#)

MIM

UniProt ID [Q08731](#)

Chromosome Location 6; 6 C3

Function carbohydrate binding

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