Active Recombinant Mouse Reg3a

Cat. No. Reg3a-918M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Reg3a (Accession # O09037) Glu27-Gln175, fused with an N-terminal Met, was produced in Chinese Hamster Ovary cell line, CHO-derived.
Species	Mouse
Source	CHO
ProteinLength	Glu27-Gln175
Predicted N Terminal	Met
Form	Lyophilized from a 0.2 μm filtered solution in PBS.
Bio-activity	Measured by its ability to enhance neurite outgrowth of E16-E18 rat embryonic cortical neurons.Able to significantly enhance neurite outgrowth when immobilized at 2.5-20 μg/mL on a nitrocellulose-coated microplate.
Molecular Mass	Recombinant Mouse Reg3a, Met-tagged has a calculated MW of 16.7 kDa. In SDS-PAGE migrates as 16 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4ºC); After reconstitution under sterile conditions for 3 months (-70ºC).

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GENE INFORMATION

Gene Name	Reg3a regenerating islet-derived 3 alpha [Mus musculus]
Official Symbol	Reg3a
Synonyms	REG3A; regenerating islet-derived 3 alpha; regenerating islet-derived protein 3-alpha; REG-3-alpha; reg III-alpha; RegIII (alpha); lithostathine 3; pancreatitis-associated protein 2; islet of Langerhans regenerating protein 3; regenerating islet-derived protein III-alpha; generating islet-derived, mouse homolog 3 alpha; AV063448;
Gene ID	19694
mRNA Refseq	NM_011259
Protein Refseq	NP_035389
MIM	

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