

## Active Recombinant Mouse Reg3a

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Reg3a (Accession # O09037) Glu27-Gln175, fused with an N-terminal Met, was produced in Chinese Hamster Ovary cell line, CHO-derived.
<b>Species</b>	Mouse
<b>Source</b>	CHO
<b>ProteinLength</b>	Glu27-Gln175
<b>Predicted N Terminal</b>	Met
<b>Form</b>	Lyophilized from a 0.2 µ filtered solution in PBS.
<b>Bio-activity</b>	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.
<b>Molecular Mass</b>	Recombinant Mouse Reg3a, Met-tagged has a calculated MW of 16.7 kDa. In SDS-PAGE migrates as 16 kDa, reducing conditions.
<b>Purity</b>	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
<b>Storage</b>	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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## GENE INFORMATION

<b>Gene Name</b>	Reg3a regenerating islet-derived 3 alpha [ Mus musculus ]
<b>Official Symbol</b>	Reg3a
<b>Synonyms</b>	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;
<b>Gene ID</b>	19694
<b>mRNA Refseq</b>	NM_011259
<b>Protein Refseq</b>	NP_035389
<b>MIM</b>	

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