

Active Recombinant Rat Reg3a, Met-tagged

Cat. No. Reg3a-438R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Reg3a (Accession # BAA04904) Glu26-Gln174, fused with a N-terminal Met, was produced in E. coli-derived.
Species	Rat
Source	E.coli
ProteinLength	26-174 a.a.
Predicted N Terminal	Met
Form	Lyophilized from a 0.2 µ filtered solution in PBS.
Bio-activity	Measured in a cell proliferation assay using RT4-D6P2T rat schwannoma cells. The ED50 for this effect is typically 0.1-0.6 µg/mL.
Molecular Mass	Recombinant Rat Reg3a, Met-tagged has a calculated MW of 17 kDa. In SDS-PAGE migrates as 16 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE with silver staining.
Storage	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

Gene Name	Reg3a regenerating islet-derived 3 alpha [Rattus norvegicus]
Official Symbol	Reg3a
Synonyms	REG3A; regenerating islet-derived 3 alpha; regenerating islet-derived protein 3-alpha; REG 3; regIII; REG-3-alpha; reg III-alpha; lithostathine 3; pancreatitis-associated protein 2; islet of Langerhans regenerating protein 3; regenerating islet-derived protein 3 alpha; regenerating islet-derived protein III-alpha; Pap2; PapII;
Gene ID	171162
mRNA Refseq	NM_001145846
Protein Refseq	NP_001139318
MIM	

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