

Active Recombinant Human REG3A Protein

Cat. No. REG3A-86H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Glu27-Asp175
Species	Human
Source	E.coli
ProteinLength	27-175 a.a.
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. Recombinant Human Reg3A immobilized at 10 µg/mL is able to significantly enhance neurite outgrowth.
Molecular Mass	17 kDa
Endotoxin	<0.10 EU per 1 µg of the protein by the LAL method.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain
Storage	12 months from date of receipt, -20 to -70 centigrade as supplied. 1 month, 2 to 8 centigrade under sterile conditions after reconstitution. 3 months, -20 to -70 centigrade under sterile conditions after reconstitution.
Reconstitution	Reconstitute at 500 µg/mL in PBS.

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GENE INFORMATION

Gene Name	REG3A regenerating islet-derived 3 alpha [Homo sapiens]
Official Symbol	REG3A
Synonyms	REG3A; regenerating islet-derived 3 alpha; pancreatitis associated protein , PAP; regenerating islet-derived protein 3-alpha; HIP; PAP1; PBCGF; REG III; REG3; REG-3-alpha; reg III-alpha; PAP homologous protein; human proislet peptide; pancreatitis-associated protein 1; proliferation-inducing protein 34; proliferation-inducing protein 42; hepatocarcinoma-intestine-pancreas; pancreatic beta cell growth factor; regenerating islet-derived protein III-alpha; PAP; PAP-H; REG-III; FLJ18565;
Gene ID	5068
mRNA Refseq	NM_002580
Protein Refseq	NP_002571
MIM	167805
UniProt ID	Q06141

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