

Regenerating Islet Derived Protein 3 Alpha (REG3a) Recombinant Protein | REG3a recombinant protein

Recombinant Regenerating Islet Derived Protein 3 Alpha (REG3a)

CATALOG # AAA134010	HOST E.coli	APPLICATIONS Western Blot, SDS-Page
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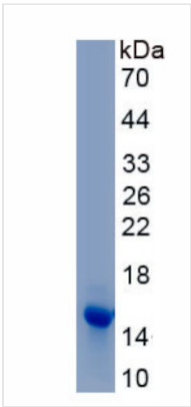
PRODUCT SYNONYMS

Regenerating Islet Derived Protein 3 Alpha (REG3a); Recombinant Regenerating Islet Derived Protein 3 Alpha (REG3a); REG3a recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Purity/Purification	> 80%
Form/Format	Freeze-dried powder; PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Concentration	700ug/mL (varies by lot)
Applicable Applications for REG3a recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Cys40~Asn164
Tags	N-terminal His Tag
Subcellular Location	Secreted
Predicted isoelectric point	7.1
Usage	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition

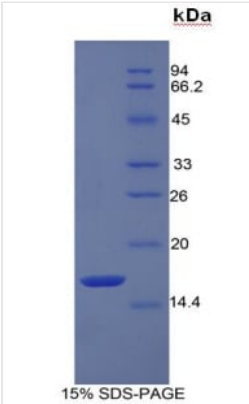
IMAGES



C PKGSKAYGSH
CYALFLSPKS WTDADLACQK RPSGNLVSVL SGAEGSFVSS LVKSIQNSYS
YVWIGLHDPT QGTEPNGEWH EWSSSDVMNY FAWERNPSTI SSPGHCAALS
RSTAFLRWKD YNCNVRLPYV

Gene Sequence

SDS-PAGE



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505605
NCBI GeneID	5068
NCBI Accession #	NP_002571.1
NCBI GenBank Nucleotide #	NM_002580.2
UniProt Accession #	Q06141
Molecular Weight	Predicted Molecular Mass: 14.9kDa Accurate Molecular Mass: 15kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	regenerating islet-derived protein 3-alpha
NCBI Official Synonym Full Names	regenerating islet-derived 3 alpha
NCBI Official Symbol	REG3A
NCBI Official Synonym Symbols	HIP; PAP; PAP1; REG3; INGAP; PAP-H; PBCGF; HIP/PAP; REG-III
NCBI Protein Information	regenerating islet-derived protein 3-alpha; 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; hepatointestinal pancreatic protein; regenerating islet-derived protein III-alpha
UniProt Protein Name	Regenerating islet-derived protein 3-alpha
UniProt Gene Name	REG3A

UniProt Synonym Gene Names	HIP; PAP; PAP1; REG-3-alpha; HIP/PAP
UniProt Entry Name	REG3A_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/reg3a-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/134010>