

Human REG3A Recombinant Protein



RPPB4437

Product Information Protein Information

Product SKU:

RPPB4437

Accession:

Q06141

Host:

Escherichia Coli.

Protein description:

The Recombinant Human REG3A protein is produced with N-terminal fusion of His Tag. The REG3A His - Tagged Fusion Protein is an 18.4 kDa protein containing 149 amino acid residues of the Human REG3A and 16 additional amino acid residues- His Tag (underlined).

Appearance:

Filtered White lyophilized (freeze-dried) powder.

Synonyms:

Regenerating islet-derived protein 3 alpha, Reg III-alpha, Pancreatitis-associated protein 1, REG3A, HIP, PAP, PAP1, REG3, INGAP, PAP-H, PBCGF, REG-III.

Formulation:

Filtered (0.4µm) and lyophilized from 0.5 mg/ml in 0.05M Acetate buffer pH-4.

Purity:

Greater than 95.0% as determined by SDS-PAGE.

Solubility:

It is recommended to add 0.1M Acetate buffer pH-4 to prepare a working stock solution of approximately 0.5mg/ml and let the lyophilized pellet dissolve completely. For conversion into higher pH value, we recommend intensive dilution by relevant buffer to a concentration of 10µg/ml. In higher concentrations the solubility of this antigen is limited. Product is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.

Stability:

Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.

Amino Acid Sequence:

MRGSHHHHHH GMASHMEEPQ RELPSARIRC PKGSKAYGSH CYALFLSPKS WTDADLACQK RPSGNLVSVL SGAEGSFVSS LVKISIGNSYS YVWIGLHDPT QGTEPNGEGW EWSSSDVMNY FAWERNPSTI SSPGHCASLS RSTAFLRWKD YNCNVRLPYV CKFTD.