

# Recombinant Human REG3A protein, T7/His-tagged

**Cat. No.** REG3A-128H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant human REG3a cDNA (27 – 175 aa, derived from BC036776) fused with T7-His-TEV cleavage site Tag at N-terminal was expressed in E. coli.                                                                                                                                                                                                                                                                    |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>ProteinLength</b>    | 27-175 a.a.                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Form</b>             | 0.2 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, Sucrose and DTT.                                                                                                                                                                                                                                                                                      |
| <b>AA Sequence</b>      | MASMTGGQQMGRGRHHHHHGNLYFQGGEFEFPQRELPSARIRCPKGSKAYGSHC<br>YALFLSPKSWTDADLACQKRP SGNLVSVLSGAEGSFVSSLVKSIGNSYSYVWIGLH<br>DPTQGTEPNGEGWEWSSSDVMNYFAWERNPSTISSPGHCA SLRSTAFLRWKDY<br>NCNVRLPYVCKFTD                                                                                                                                                                                                                      |
| <b>Purity</b>           | >90% by SDS-PAGE                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Applications</b>     | 1. May be used for in vitro human REG3a mediated membrane phospholipids binding for regulating inflammation pathway in anti-bacterial or cancer cell proliferation study with this protein as either coating matrix protein or soluble factor.2. May be used for REG3a protein-protein interaction assay.3. Potential biomarker protein for monitoring cancer growth.4. As antigen for specific antibody production. |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**Storage**

Keep at -80 centigrade for long term storage. Product is stable at 4 centigrade for at least 30 days.

**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

**Chromosome  
Location**

2p12

**Function**

binding; sugar binding;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA