

Product datasheet for TP307791

REG3A (NM_002580) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Recombinant protein of human regenerating islet-derived 3 alpha (REG3A), transcript variant 1, 20 µg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC207791 protein sequence
Red=Cloning site **Green**=Tags(s)

MLPPMALPSVSWMLLSCLMLLSQVQGEEPQRELP SARIRCPKGS KAYGSHCYALFLSPKSWTDADLACQK
RPSGNLVSVLGAEGSFVSSLVKSIGNSYSYVWIGLHDPTQGTEPN GEGWEWSSSDVMNYFAWERNPSTI
SSPGHCASLSRSTAF LRWKDYNCNVR LPYVCKFTD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 16.5 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_002571](#)

Locus ID: 5068

UniProt ID: [Q06141](#), [Q53S56](#)



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RefSeq Size: 830

Cytogenetics: 2p12

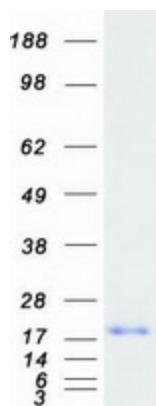
RefSeq ORF: 525

Synonyms: HIP; HIP/PAP; INGAP; PAP; PAP-H; PAP1; PBCGF; REG-III; REG3

Summary: This gene encodes a pancreatic secretory protein that may be involved in cell proliferation or differentiation. It has similarity to the C-type lectin superfamily. The enhanced expression of this gene is observed during pancreatic inflammation and liver carcinogenesis. The mature protein also functions as an antimicrobial protein with antibacterial activity. Alternate splicing results in multiple transcript variants that encode the same protein.[provided by RefSeq, Nov 2014]

Protein Families: Druggable Genome, Secreted Protein

Product images:



Coomassie blue staining of purified REG3A protein (Cat# TP307791). The protein was produced from HEK293T cells transfected with REG3A cDNA clone (Cat# [RC207791]) using MegaTran 2.0 (Cat# [TT210002]).