

## Product datasheet for PH307791

### REG3A (NM\_002580) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	REG3A MS Standard C13 and N15-labeled recombinant protein (NP_002571)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC207791
Predicted MW:	19.4 kDa
Protein Sequence:	>RC207791 protein sequence Red=Cloning site Green=Tags(s)  MLPPMALPSVSWMLLSCLMLLSQVQGEEPQRELP SARIRCPKGSKAYGSHCYALFLSPKSWTDADLACQK RPSGNLVSVL SGAEGSFVSSLVKSIGNSYVWIGLHDPTQGTEPN GEGWEWSSSDVMNYFAWERNPSTI SSPGHCASLSRSTAF LRWKDYNCNVRLPYVCKFTD  TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_002571</a>
RefSeq Size:	830
RefSeq ORF:	525
Synonyms:	HIP; HIP/PAP; INGAP; PAP; PAP-H; PAP1; PBCGF; REG-III; REG3
Locus ID:	5068
UniProt ID:	<a href="#">Q06141</a> , <a href="#">Q53S56</a>



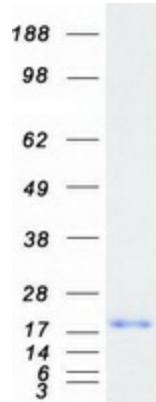
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**Cytogenetics:** 2p12

**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]).