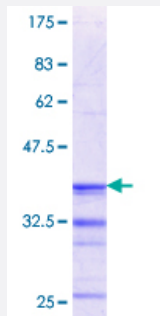


RGN (Human) Recombinant Protein (Q01)

Catalog # H00009104-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human RGN partial ORF (NP_004674.1, 200 a.a. - 299 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	EQIPDGMCIDAEGLWVACYNGGRVIRLDPVTGKRLQTVKLPVDKTTSCCFGGKNYSEMYVTCAR DGMDPEGLLRQPEAGGIFKITGLGVKGIAPYSYAG
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Interspecies Antigen Sequence	Rat (88)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — RGN

Entrez GeneID [9104](#)

GeneBank Accession# [NM_004683](#)

Protein Accession# [NP_004674.1](#)

Gene Name RGN

Gene Alias RC, SMP30

Gene Description regucalcin (senescence marker protein-30)

Omim ID [300212](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is a highly conserved, calcium-binding protein, that is preferentially expressed in the liver and kidney. It may have an important role in calcium homeostasis. Studies in rat indicate that this protein may also play a role in aging, as it shows age-associated down-regulation. This gene is part of a gene cluster on chromosome Xp11.3-Xp11.23. Alternative splicing results in two transcript variants having different 5' UTRs, but encoding the same protein. [provided by RefSeq]

Other Designations OTTHUMP00000023195|OTTHUMP00000023196|regucalcin|senescence marker protein-30