

## Product datasheet for **AR39129PU-L**

### Regucalcin / RGN (1-299, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Regucalcin / RGN (1-299, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH SSGLVPRGSH</u> MSSIKIECVL PENCRCGESP VWEEVSNSLL FVDIPAKKVC RWDSFTKQVQ RVTMDAPVSS VALRQSGGYV ATIGTKFCAL NWKEQSAVVL ATVDNDKKNN RFNDGKVDPA GRYFAGTMAE ETAPAVLERH QGALYSLFPD HHVKKYFDQV DISNGLDWSL DHKIFYIIDS LSYSVDAFDY DLQTGGQISNR RSVYKLEKEE QIPDGMCI DA EGKLWVACYN GGRVIRLDPV TGKRLQTVKL PVDKTTSCCF GGKNYSEMYV TCARDGMDPE GLLRQPEAGG IFKITGLGVK GIAPYSYAG
Tag:	His-tag
Predicted MW:	35.4 kDa
Concentration:	lot specific
Purity:	>85%
Buffer:	Presentation State: This purified protein is available in a denatured form, making it less suitable for functional studies. Denatured proteins are better suited for applications like Western Blot (WB) or imaging assays. State: Liquid purified protein Buffer System: 20 mM Tris-HCl, pH 8.0, 2M Urea, 20% Glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human Regucalcin, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP_001269777</u>
Locus ID:	9104
UniProt ID:	<u>Q15493</u>



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Cytogenetics: Xp11.3

Synonyms: SMP30, SMP-30, Senescence marker protein 30

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 multiple transcript variants. [provided by RefSeq, Sep 2013]

### Product images:

