

Product datasheet for **AR05055PU-N**

Katacalcin Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Katacalcin human protein, 0.1 mg
Species:	Human
Expression cDNA Clone or AA Sequence:	Asp-Met-Ser-Ser-Asp-Leu-Glu-Arg-Asp-His-Arg-Pro-His-Val-Ser-Met-Pro-Gln-Asn-Ala-Asn
Purity:	Solid phase synthesis - Purity: >95%
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: Acetate without preservatives or stabilizers
Preparation:	Liquid purified protein
Applications:	ELISA.
Protein Description:	Human Katacalcin, also known as Calcitonin precursor peptide, is a member of the calcitonin gene family. Katacalcin is a calcium-lowering hormone that can significantly lower plasma calcium levels.
Storage:	Store the protein at -70°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch
RefSeq:	NP_001029124
Locus ID:	796
UniProt ID:	P01258
Cytogenetics:	11p15.2
Synonyms:	CALC1; CGRP; CGRP-alpha; CGRP-I; CGRP1; CT; KC; PCT



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Summary:

This gene encodes the peptide hormones calcitonin, calcitonin gene-related peptide and katacalcin by tissue-specific alternative RNA splicing of the gene transcripts and cleavage of inactive precursor proteins. Calcitonin is involved in calcium regulation and acts to regulate phosphorus metabolism. Calcitonin gene-related peptide functions as a vasodilator and as an antimicrobial peptide while katacalcin is a calcium-lowering peptide. Multiple transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Aug 2014]

Protein Families:

Druggable Genome, Secreted Protein