

Product datasheet for **AR09864PU-L**

Calcyphosin (1-189, His-tag) Human Protein

Product data:

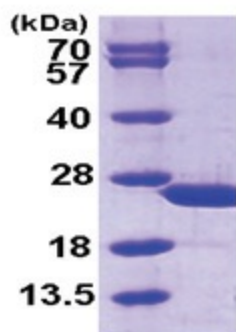
Product Type:	Recombinant Proteins
Description:	Calcyphosin (1-189, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH SSGLVPRGSH</u> MDAVDATMEK LRAQCLSRGA SGIQGLARFF RQLDRDGSRSLDADEFRQGL AKLGLVLDQA EAEGVCRKWD RINGSGTLDLE EFLRALRPPM SQAREAVIAA AFAKLDRSGD GVVTVDDLRLG VYSGRAHPKV RSGEWTEDEV LRRFLDNFDS SEKDGQVTLA EFQDYYSQVS ASMNTDEEFV AMMTSAWQL
Tag:	His-tag
Predicted MW:	23.1 kDa
Concentration:	lot specific
Purity:	>95%
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 2 mM DTT, 100 mM NaCl
Preparation:	Liquid purified protein
Protein Description:	Recombinant human CAPS protein, 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_004049</u>
Locus ID:	828
UniProt ID:	<u>Q13938, A0A384NYV7, Q96ET4</u>
Cytogenetics:	19p13.3
Synonyms:	CAPS1



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Summary:

This gene encodes a calcium-binding protein, which may play a role in the regulation of ion transport. A similar protein was first described as a potentially important regulatory protein in the dog thyroid and was termed as R2D5 antigen in rabbit. Alternative splicing of this gene generates two transcript variants. [provided by RefSeq, Jul 2008]

Product images:

15% SDS-PAGE (3ug)