

Product datasheet for **AR09864PU-N**

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

Product data:

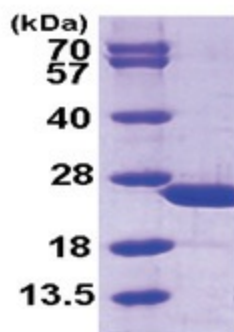
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|---------------------------------------|--|
| Product Type: | Recombinant Proteins |
| Description: | Calcyphosin (1-189, His-tag) human recombinant protein, 0.1 mg |
| Species: | Human |
| Expression Host: | E. coli |
| Expression cDNA Clone or AA Sequence: | <u>MGSSHHHHHH SSGLVPRGSH</u> MDAVDATMEK LRAQCLSRGA SGIQGLARFF RQLDRDGSRSLDADEFRQGL AKLGLVLDQA EAEGVCRKWD RNSGSGTLDLE EFLRALRPPM SQAREAVIAA AFAKLDRSGD GVTVDLLRG VYSGRAHPKV RSGEWTEDEV LRRFLDNFDS SEKDGQVTLA EFQDYSGVS 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</u> , <u>A0A384NYV7</u> , <u>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)