

Product datasheet for **AR09898PU-N**

S100A10 (1-97, His-tag) Human Protein

Product data:

| | |
|---------------------------------------|---|
| Product Type: | Recombinant Proteins |
| Description: | S100A10 (1-97, His-tag) human recombinant protein, 0.1 mg |
| Species: | Human |
| Expression Host: | E. coli |
| Expression cDNA Clone or AA Sequence: | <u>MGSSHHHHHH SGLVPRGSH</u> MPSQMEHAME TMMFTFHKFA GDKGYLTKED LRVLMEKEFP GFLENQKDPL AVDKIMKDLQ QCRDGKVGFG SFFSLIAGLT IACNDYFVVH MKQKGKK |
| Tag: | His-tag |
| Predicted MW: | 13.3 kDa |
| Concentration: | lot specific |
| Purity: | >90% |
| Buffer: | Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 1 mM DTT, 40% glycerol, 0.1M NaCl, 0.1 mM PMSF |
| Preparation: | Liquid purified protein |
| Protein Description: | Recombinant human S100A10 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_002957</u> |
| Locus ID: | 6281 |
| UniProt ID: | <u>P60903</u> |
| Cytogenetics: | 1q21.3 |
| Synonyms: | 42C; ANX2L; ANX2LG; CAL1L; Ca[1]; CLP11; GP11; p10; P11 |



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Summary:

The protein encoded by this gene is a member of the S100 family of proteins containing 2 EF-hand calcium-binding motifs. S100 proteins are localized in the cytoplasm and/or nucleus of a wide range of cells, and involved in the regulation of a number of cellular processes such as cell cycle progression and differentiation. S100 genes include at least 13 members which are located as a cluster on chromosome 1q21. This protein may function in exocytosis and endocytosis. [provided by RefSeq, Jul 2008]

Protein Families:

Transmembrane

Product images: