

Product datasheet for **AR09908PU-L**

S100A11 / Calgizzarin (1-105, His-tag) Human Protein

Product data:

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|---------------------------------------|--|
| Product Type: | Recombinant Proteins |
| Description: | S100A11 / Calgizzarin (1-105, His-tag) human recombinant protein, 0.5 mg |
| Species: | Human |
| Expression Host: | E. coli |
| Expression cDNA Clone or AA Sequence: | <u>MGSSHHHHHH</u> <u>SSGLVPRGSH</u> <u>MGSHMAKISS</u> PTETERCIES LIAVFQKYAG KDGNYNTLSK TEFLSFMNTE LAAFTKNQKD PGVLDRMMKK LDTNSDGQLD FSEFLNLIGG LAMACHDSFL KAVPSQKRT |
| Tag: | His-tag |
| Predicted MW: | 14.2 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 30% glycerol, 0.1M NaCl, 1 mM DTT |
| Preparation: | Liquid purified protein |
| Protein Description: | Recombinant human S100A11 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography. |
| 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_005611</u> |
| Locus ID: | 6282 |
| UniProt ID: | <u>P31949</u> , <u>V9HWH9</u> |
| Cytogenetics: | 1q21.3 |
| Synonyms: | HEL-S-43; MLN70; S100C |



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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 motility, invasion, and tubulin polymerization. Chromosomal rearrangements and altered expression of this gene have been implicated in tumor metastasis. [provided by RefSeq, Jul 2008]

Product images: