

Product datasheet for **AR39018PU-L**

S100A3 (1-101, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	S100A3 (1-101, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH SSGLVPRGSH</u> MARPLEQAVA AIVCTFQEYA GRCGDKYKLC QAEKELLQK ELATWTPTEF RECDYNKFMS VLDTNKDCEV DFVEYVRS LA CLCLYCHEYF KDCPSEPPCS Q
Tag:	His-tag
Predicted MW:	13.9 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 20% glycerol, 2 mM DTT, 0.2M NaCl
Preparation:	Liquid purified protein
Protein Description:	Recombinant human S100A3 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_002951</u>
Locus ID:	6274
UniProt ID:	<u>P33764</u>
Cytogenetics:	1q21.3
Synonyms:	S100E



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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 has the highest content of cysteines of all S100 proteins, has a high affinity for Zinc, and is highly expressed in human hair cuticle. The precise function of this protein is unknown. [provided by RefSeq, Jul 2008]

Product images: