

## Product datasheet for **AR50476PU-N**

### **S100A3 (1-101, His-tag) Mouse Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	S100A3 (1-101, His-tag) mouse recombinant protein, 0.5 mg
<b>Species:</b>	Mouse
<b>Expression Host:</b>	E. coli
<b>Expression cDNA Clone or AA Sequence:</b>	MGSSHHHHHH SSGLVPRGSH MGSMTTRPLE QAVAAIVCTF QEYAGRCGDK YKICQSELKE LLQKELPTWT PSEFRECDYN KFMSVLDTNK DCEVDFGEYV RSLASLCLYC HEYFKECPPE PPCPQ
<b>Tag:</b>	His-tag
<b>Predicted MW:</b>	14.3 kDa
<b>Concentration:</b>	lot specific
<b>Purity:</b>	>95% by SDS - PAGE
<b>Buffer:</b>	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer, pH 8.0, 10% glycerol, 2 mM DTT, 150 mM NaCl
<b>Preparation:</b>	Liquid purified protein
<b>Protein Description:</b>	Recombinant mouse S100A3 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
<b>Storage:</b>	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
<b>Stability:</b>	Shelf life: one year from despatch.
<b>RefSeq:</b>	<a href="#">NP_001342526</a>
<b>Locus ID:</b>	20197
<b>Cytogenetics:</b>	3 39.26 cM
<b>Synonyms:</b>	S100E
<b>Summary:</b>	Binds both calcium and zinc. May be involved in calcium-dependent cuticle cell differentiation, hair shaft and hair cuticular barrier formation (By similarity).[UniProtKB/Swiss-Prot Function]



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## Product images:

