

Product datasheet for **AR50334PU-S**

S100A5 (1-93, His-tag) Mouse Protein

Product data:

Product Type:	Recombinant Proteins
Description:	S100A5 (1-93, His-tag) mouse recombinant protein, 0.1 mg
Species:	Mouse
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSHEMTPLE KALTTMVTF HKYSGREGSK LTLRKLKELKE LIKTELSLAE KMKESSIDNL MKSLDKNSDQ EIDFKEYSVF LTTLCMAYND FFLEDNK
Tag:	His-tag
Predicted MW:	13.4 kDa
Concentration:	lot specific
Purity:	>95% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer, pH 8.0, 40% glycerol, 3 mM DTT, 200 mM NaCl
Preparation:	Liquid purified protein
Protein Description:	Recombinant mouse S100A5 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 one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_035442
Locus ID:	20199
UniProt ID:	P63084 , Q149U2
Cytogenetics:	3 39.27 cM
Synonyms:	S100D9
Summary:	Binds calcium, zinc and copper. One subunit can simultaneously bind 2 calcium ions or 2 copper ions plus 1 zinc ion. Calcium and copper ions compete for the same binding sites (By similarity).[UniProtKB/Swiss-Prot Function]



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Product images:

