

Product datasheet for **AR39032PU-L**

S100A6 / Calcyclin (1-89, His-tag) Mouse Protein

Product data:

Product Type:	Recombinant Proteins
Description:	S100A6 / Calcyclin (1-89, His-tag) mouse recombinant protein, 0.5 mg
Species:	Mouse
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH SSGLVPRGSH</u> MACPLDQAIG LLVAIFHKYS GKEGDKHTLS KKEKELIQK ELTIGSKLQD AEIARLMDDL DRNKDQEVNF QEYVAFLGAL ALIYNEALK
Tag:	His-tag
Predicted MW:	12.2 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 1 mM DTT, 30% glycerol, 100 mM NaCl
Preparation:	Liquid purified protein
Protein Description:	Recombinant mouse S100A6 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_035443</u>
Locus ID:	20200
UniProt ID:	<u>P14069, Q54519</u>
Cytogenetics:	3 39.35 cM
Synonyms:	2A9; 5B10; Cacy; CALCYCLIN; PRA



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Summary:

May function as calcium sensor and modulator, contributing to cellular calcium signaling. May function by interacting with other proteins, such as TPR-containing proteins, and indirectly play a role in many physiological processes such as the reorganization of the actin cytoskeleton and in cell motility. Binds 2 calcium ions. Calcium binding is cooperative (By similarity).[UniProtKB/Swiss-Prot Function]

Product images: