

S100 Calcium Binding Protein A6 Mouse Recombinant

Item Number	rAP-2907
Synonyms	Protein S100-A6, S100 calcium-binding protein A6, Calcyclin, Prolactin receptor-associated protein, 5B10, S100a6, Cacy, 2A9, PRA.
Description	S100A6 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 109 amino acids (1-89 a.a) and having a molecular mass of 12.2kDa.S100A6 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	P14069
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MACPLDQAIG LLVAIFHKYS GKEGDKHTLS KKELKELIQK EL-TIGSKLQD AEIARLMDDL DRNKDQEVNF QEYVAFLGAL ALIYNEALK.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Formulation and Purity	S100A6 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 30% glycerol and 100mM NaCl. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**