

S100 Calcium Binding Protein A6 Human Recombinant

Item Number	rAP-2889
Synonyms	Protein S100-A6, Calcyclin, Growth factor-inducible protein 2A9, MLN 4, Prolactin receptor-associated protein, PRA, S100 calcium-binding protein A6, S100A6, CACY, 2A9, 5B10, CABP.
Description	S100A6 Human Recombinant fused with a 20 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 110 amino acids (1-90 a.a.) and having a molecular mass of 12.3kDa. The S100A6 is purified by proprietary chromatographic techniques.
Uniprot Accession Number	P06703
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MACPLDQAIG LLVAIFHKYS GREGDKHTLS KKEKELIQK EL-TIGSKLQD AEIARLMEDL DRNKDQEVNF QEYVTFGLGAL ALIYNEALKG.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless 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	The S100A6 solution (1 mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 0.1M NaCl, 1mM DTT and 30% glycerol. 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**