

## S100 Calcium Binding Protein A2 Human Recombinant

<b>Item Number</b>	rAP-2887
<b>Synonyms</b>	Protein S100-A2, CAN19, Protein S-100L, S100 calcium-binding protein A2, S100A2, S100L, MGC111539.
<b>Description</b>	S100A2 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 117 amino acids (1-97 a.a.) and having a molecular mass of 13.1kDa. The S100A2 is purified by proprietary chromatographic techniques.
<b>Uniprot Accession Number</b>	P29034
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MCSSLEQALA VLVTTTFHKYS CQEGDKFKLS KGEMKELLHK ELPSFVGEKV DEEGLKCLMG SLDENSQQV DFQEYAVFLA LITVMCNDFD QGCPDRP.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	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.
<b>Formulation and Purity</b>	The S100A2 solution (1 mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 5mM DTT, 30% glycerol and 0.2M NaCl. Greater than 90.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	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**