

## S100 Calcium Binding Protein A8 Mouse Recombinant

<b>Item Number</b>	rAP-2904
<b>Synonyms</b>	Calgranulin A, MRP8, CAGA, CGLA, CFAG, Protein S100-A8, S100 calcium-binding protein A8, Migration inhibitory factor-related protein 8, MRP-8, p8, Cystic fibrosis antigen, Leukocyte L1 complex light chain, Calprotectin L1L subunit, Urinary stone protein b
<b>Description</b>	S100A8 Mouse Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 109 amino acids (1-89a.a) and having a molecular mass of 12.4kDa.S100A8 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
<b>Uniprot Accesion Number</b>	P27005
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MPSELEKALS NLIDVYHNYS NIQGNHHALY KNDFKMMVTT ECPQFVQNIN IENLFRELDI NSDNAINFEE FLAMVIKVG V ASHKDSHKE
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	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.
<b>Formulation and Purity</b>	S100A8 protein solution (1mg/1ml) containing 20mM Tris-HCl buffer (pH8.0), 30% glycerol, 0.1M NaCl and 1mM DTT. Greater than 95.0% 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**