

S100 Calcium Binding Protein A8, His-Myc Tag Human Recombinant

Item Number	rAP-2903
Synonyms	S100 Calcium Binding Protein A8, S100 Calcium-Binding Protein A8 (Calgranulin A), Migration Inhibitory Factor-Related Protein 8, Leukocyte L1 Complex Light Chain , Urinary Stone Protein Band A, Calprotectin L1L Subunit, Cystic Fibrosis Antigen, Calgranuli
Description	S100A8 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 127 amino acids (1-93) and having a molecular mass of 14.5kDa.
Uniprot Accession Number	P05109
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSHMLTELE KALNSIIDVY HKYSLIKGNF HAVYRDDLLK LLETCPQYI RKKGADVWFK ELDINTGAV NFQEFLILVI KMGVAAHKKS HEESHKEEQK LISEEDL.
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 S100A8 solution (1mg/ml) contains 20mM Tris-HCl (pH 8.0), 10% glycerol and 0.1M NaCl. Greater than 90.0% 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**