

S100 Calcium Binding Protein A9 Human Recombinant

Item Number	rAP-2922
Synonyms	Calgranulin B, 60B8AG, CAGB, CFAG, CGLB, L1AG, LIAG, MAC387, MIF, MRP14, NIF, P14, Protein S100-A9, S100 calcium-binding protein A9.
Description	S100A9 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 122 amino acids (1-114 a.a.) and having a molecular mass of 14.3kDa. S100A9 protein is fused to an 8 amino acid His-Tag at C-terminus and purified by standard chromatography.
Uniprot Accession Number	P06702
Amino Acid Sequence	MTCKMSQLER NIETIINTFH QYSVKLGHPD TLNQGEFKEL VRKDLQNFLK KENKNEKVE HIMEDLDTNA DKQLSFEEFI MLMARLTWAS HEKMHEGDEG PGHHHKPGLG EGTPLEHHHH HH.
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	S100A9 Human solution containing 20mM Tris HCl pH-8, 0.1M NaCl and 10% glycerol. Greater than 90% 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**