

S100 Calcium Binding Protein A5 Mouse Recombinant

Item Number	rAP-2883
Synonyms	Protein S100-A5, Protein S-100D, S100 calcium-binding protein A5, S100a5, S100d, S100D9.
Description	S100A5 Mouse Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 117 amino acids (1-93) and having a molecular mass of 13.4kDa. The S100A5 is fused to a 24 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.
Uniprot Accession Number	P63084
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSHMETPLE KALTTMVTTF HKYSGREGSK LTLSRKELKE LIK- TELSLAE KMKESSIDNL MKSLDKNSDQ EIDFKEYSVF LTTLCMAYND FFLEDNK.
Source	Escherichia Coli.
Physical Appearance and Stability	S100A9 is supplied as a 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.
Formulation and Purity	S100A5 protein (1mg/ml) is supplied in 20mM Tris-HCl buffer, pH8.0, 40% glycerol, 3mM DTT and 200mM NaCl. 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**