

S100 Calcium Binding Protein A5 Human Recombinant

Item Number	rAP-2888
Synonyms	Protein S100-A5, Protein S-100D, S100 calcium-binding protein A5, S100A5, S100D.
Description	S100A5 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 112 amino acids (1-92 a.a.) and having a molecular mass of 12.9kDa. The S100A5 is purified by proprietary chromatographic techniques.
Uniprot Accession Number	P33763
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH METPLEKALT TMVTFHKYS GREGSKLTL RKLKELIKK ELCLGE-MKES SIDDLMKSLD KNSDQEIDFK EYSVFLTMLC MAYNDFFLD NK.
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 S100A5 solution (1mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 30% glycerol, 0.1M NaCl and 0.1mM PMSF. 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**