

S100 Calcium Binding Protein A14 Human Recombinant

Item Number	rAP-2894
Synonyms	Protein S100-A14, S100 calcium-binding protein A14, S114, S100A14, S100A15, BCMP84.
Description	S100A14 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 124 amino acids (1-104 a.a.) and having a molecular mass of 13.8kDa. The S100A14 is purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q9HCY8
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGQCRSANAE DAQEFSDVER AIETLIKNFH QYSVEGGKET LTPSELRLDV TQQLPHLMPS NCGLEEKIAN LGSCNDSKLE FRSFWELIGE AAKSVKLERP VRGH.
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 S100A14 solution (1 mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 10% glycerol and 2mM DTT. 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**