

S100 Calcium Binding Protein A7 Human Recombinant

Item Number	rAP-2890
Synonyms	S100 calcium-binding protein A7 (psoriasin 1), S100A7c, PSOR1.
Description	S100A7 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 121 amino acids (1-101) and having a molecular mass of 13.6 kDa. The S100A4 is fused to a 20 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.
Uniprot Accession Number	P31151
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MSNTQAERSI IGMIDMFHKY TRRDDKIDKP SLLTMMKENFPNFLSADKK GTNYLADVFE KDKNEDKKI DFSEFLSLLG DIATDYHKQS HGAAPCSGGS Q.
Source	Escherichia Coli.
Physical Appearance and Stability	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	S100A7 protein at 0.5mg/ml in 20mM Tris-HCl, pH-8, 0.1M NaCl, 1mM DTT and 30% Glycerol. 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**