

S100 Calcium Binding Protein A3 Human Recombinant

Item Number	rAP-2919
Synonyms	S100-A3, S-100E, S100 calcium-binding protein A3, S100E, S-100A3, Protein S100-A3, Protein S-100E, S100A3.
Description	S100A3 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 13.9kDa. The S100A3 is fused to a 20 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.
Uniprot Accession Number	P33764
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MARPLEQAVA AIVCTFQEYA GRCGDKYKLC QAELKELLQK ELAT-WTPTEF RECDYNTKDFMS VLDTNKDCEV DFVEYVRSLSA CLCLYCHEYF KDCPSEPPCS 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). Please prevent freeze thaw cycles.
Formulation and Purity	S100A3 protein at 1mg/ml in 20mM Tris-HCl buffer (pH 8.0), 20% glycerol, 2mM DTT and 0.2M NaCl. 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**