

S100 Calcium Binding Protein Z Human Recombinant

Item Number	rAP-2925
Synonyms	Protein S100-Z, S100 calcium-binding protein Z, S100Z, Gm625, S100-zeta.
Description	S100Z Recombinant Human produced in E.Coli is a single, non-glycosylated polypeptide chain containing 119 amino acids (1-99 a.a.) and having a molecular mass of 13.7kDa. The S100Z is fused to a 20 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q8WXG8
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MPTQLEMAMD TMIRIFHRYG GKERKRFKLS KGELKLLLQR ELTEFLSCQK ETQLVDKIVQ DLDANKDNEV DFNEFVVMVA ALTVACNDYF VEQLKKKGGK.
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	S100Z Human solution (1mg/ml) containing 20mM Tris-HCl pH-8, 1mM DTT, 1mM EDTA, 50mM NaCl & 20% 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**