

S100 Calcium Binding Protein P Human Recombinant, His Tag

Item Number	rAP-2923
Synonyms	Protein S100-E, S100E, Migration-Inducing Gene 9, MIG9.
Description	S100P Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 115 amino acids (1-95a.a.) and having a molecular mass of 12.6 kDa. S100P protein is fused to a 20 amino acid His tag at N-terminus and is purified by standard chromatography.
Uniprot Accession Number	P25815
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MTELETAMGM IIDVFSRYSG SEGSTQTLTK GELKVLMEKE LPGFLQSGKD KDAVDKLLKD LDANGDAQVD FSEFIVFVAA ITSACHKYFE KAGLK.
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	S100P Human solution (1mg/ml) containing 20mM Tris-HCl pH-8, 1mM DTT, 0.05M NaCl & 20% glycerol. Greater than 90% 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**