

S100 Calcium Binding Protein P Human Recombinant

Item Number	rAP-2916
Synonyms	Protein S100-P, S100 calcium-binding protein P, S100P, S100E, MIG9.
Description	The Recombinant Human S100P has a molecular mass of 10.4 kDa containing 95 amino acid residues of the human S100P.
Uniprot Accession Number	P25815
Amino Acid Sequence	MTELEAAMGM IIDVFSRYSG SEGSTQTLTK GELKVLMEKE LPGFLQSGKD KDAVDKLLKD LDANGDAQVD FSEFIVFVAA ITSACHKYFE KAGLK.
Source	Escherichia Coli.
Physical Appearance and Stability	Filtered White lyophilized (freeze-dried) powder. Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.
Formulation and Purity	Filtered (0.4µm) and lyophilized from 0.5 mg/ml in 0.05M Phosphate buffer pH7.2, 0.1M NaCl. Greater than 95% as determined by SDS-PAGE.
Application	
Solubility	Add 0.2 ml of deionized H2O and let the lyophilized pellet dissolve completely.
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**