

S100 Calcium Binding Protein A4 Mouse Recombinant

Item Number	rAP-2901
Synonyms	Protein S100-A4, S100 calcium-binding protein A4, Metastasin, Protein Mts1, Placental calcium-binding protein, Calvasculin, S100A4, CAPL, MTS1, 42A, 18A2, FSP1, P9KA, PEL98.
Description	S100A4 Mouse Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 121 amino acids (1-101 a.a) and having a molecular mass of 13.9kDa. S100A4 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	P07091
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MARPLEEALD VIVSTFHKYS GKEGDKFKLN KTELKELLTR ELPSFLGKRT DEAAFQKVMS NLDSNRDNEV DFQEYCVFLS CIAMMCNEFF EGCPDKEPRK K.
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	S100A4 protein solution (1mg/1ml) containing 20mM Tris-HCl buffer (pH8.0), 20% glycerol, 0.1M NaCl and 2mM DTT. 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**