9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

S100A4 Human

S100 Calcium-Binding Protein A4 Human Recombinant
RCP1959

Product Overview

Name	S100A4 Human
Description	
S100 Calcium-Binding Protein A4 Human Recombinant	
Accession (Primary)	P26447
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.	
Introduction	
S100A4 is part of the S100 super-family of proteins containing 2 EF-hand calcium binding domains. S100A4 is ubiquitously overexpressed and is localized in the cytoplasm and/or nucleus. S100A4 is involved in motility, invasion, and tubulin polymerization. Chromosomal rearrangements and altered expression of the S100A4 gene have been implicated in tumor metastasis.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
S100A4 protein at in 20mM Tris-HCl, pH-8 & 10% Glycerol.	
Stability	
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.	
Purity	
Greater than 95.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MACPLEKALD VMVSTFHKYS GKEGDKFKLN KSELKELLTR ELPSFLGKRT DEAAFQKLMS NLDSNRDNEVDFQEYCVFLS CIAMMCNEFF EGFPDKQPRK K.	
Precautions	
S100A4 Human is for research use only and not for use in diagnostic or therapeutic procedures.	

9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

Target Information: (P26447)