9051 Mira Mesa Blvd, #910094
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S100A7 Human

S100 Calcium Binding Protein A7 Human Recombinant
RCP1966

Product Overview

Name	S100A7 Human
Description	
S100 Calcium Binding Protein A7 Human Recombinant	
Accession (Primary)	P31151
Synonyms	
S100 calcium-binding protein A7 (psoriasin 1), S100A7c, PSOR1.	
Introduction	
S100A7 is a member of the S-100 family of calcium binding proteins and is produced through a non-classical secretory pathway to the cytoplasm. S100A7 takes part in the regulation of several cellular courses, such as cell cycle, cell progression and cellular differentiation. S100A7 holds two EF-hand domains and is extremely upregulated in psoriatic epidermis, in addition to bladder squamous cell carcinoma and breast cancer tissue, signifying a probable part in carcinogenesis.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
S100A7 protein at 0.5mg/ml in 20mM Tris-HCl, pH-8, 0.1M NaCl, 1mM DTT and 30% 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 MSNTQAERSI IGMIDMFHKY TRRDDKIDKP SLLTMMKENFPNFLSACDKK GTNYLADVFE KKDKNEDKKI DFSEFLSLLG DIATDYHKQS HGAAPCSGGS Q.	
Precautions	
S100A7 Human is for research use only and not for use in diagnostic or therapeutic procedures.	

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Target Information: (P31151)