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

S100A3 Human

S100 Calcium Binding Protein A3 Human Recombinant
RCP1957

Product Overview

Name	S100A3 Human
Description	
S100 Calcium Binding Protein A3 Human Recombinant	
Accession (Primary)	P33764
Synonyms	
S100-A3, S-100E, S100 calcium-binding protein A3, S100E, S-100A3, Protein S100-A3, Protein S-100E, S100A3.	
Introduction	
S100A3 is part of S100 family of proteins containing 2 EF-hand calcium-binding motifs. S100 proteins are localized in the cytoplasm/nucleus of a broad range of cells, and takes part in the regulation of several cellular processes such as cell cycle progression and differentiation. S100A3 has the largest number of cysteines of all S100 proteins. S100A3 has high affinity for Zinc, and is widely expressed in human hair cuticle.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
S100A3 protein at 1mg/ml in 20mM Tris-HCl buffer (pH 8.0), 20% glycerol, 2mM DTT and 0.2M NaCl.	
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). Please prevent freeze thaw cycles.	
Purity	
Greater than 90.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MARPLEQAVA AIVCTFQEYA GRCGDKYKLC QAELKELLQK ELATWTPTEF RECDYNKFMS VLDTNKDCEV DFVEYVRSLA CLCLYCHEYF KDCPSEPPCS Q.	
Precautions	
S100A3 Human is for research use only and not for use in diagnostic or therapeutic procedures.	

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Target Information: (P33764)