

S100A1, S100B

Native Human S100 Calcium Binding Protein

Catalog No.	CSI14709	Quantity:	100 µg
Alternate Names:	Protein S100-A1, S-100 protein subunit alpha, Protein S100-B, S-100 protein subunit beta		
Description:	<p>Purified native Human S100 Protein, mixture of beta/beta homodimer and alpha/beta heterodimer.</p> <p>S-100 protein is a family of low molecular weight protein found in vertebrates characterized by two calcium binding sites of the helix-loop-helix conformation. There are at least 21 different types of S100 proteins. which are involved in regulation of protein phosphorylation, transcription factors, Ca++ homeostasis, the dynamics of cytoskeleton constituents, enzyme activities, cell growth and differentiation, and the inflammatory response.</p>		
UniProt ID:	P23297, P04271		
Gene ID:	6271, 6285		
Source:	Human Brain		
Molecular Weight:	21.0 kDa, beta/beta homodimer and alpha/beta heterodimer		
Formulation:	Lyophilized from 5 mM Tris-HCl, 5 mM 2-mercaptoethanol, 5 mM EDTA, pH 7.5		
Purity:	> 98%, highly purified		
Reconstitution:	Centrifuge vial prior to opening. Reconstitute in 5 mM 2-mercaptoethanol.		
Storage & Stability:	Upon receipt store at -20°C. Avoid repeated freeze-thaw cycles.		
Biohazard:	Tested negative for HBsAg, HCV, Syphilis and anti-HIV 1 & 2 using certified test methods.		
Contaminants:	None detected.		

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