

S100 Calcium Binding Protein G Human Recombinant

Item Number	rAP-2896
Synonyms	Protein S100-G, Calbindin-D9k, S100 calcium-binding protein G, Vitamin D-dependent calcium-binding protein intestinal, CABP, S100G, CABP9K, CALB3, S100D, CABP1, MGC138379.
Description	The Recombinant Human S100G produced in E.coli has a molecular mass of 10.04kDa containing 87 amino acid residues of the human S100G and fused to a 9 a.a. His tag at N-terminus.
Uniprot Accession Number	P29377
Amino Acid Sequence	MKHHHHHHAS TTKSPEELKRS TTKSPEELKR IFEKYAAKEG DPDQLSKDEL KLLIQAEFPS LLKGPNTLDD LFQELDKNGD GEVSFEFQV LVKKISQ.
Source	Escherichia Coli.
Physical Appearance and Stability	Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.
Formulation and Purity	S100G was filtered (0.4 µm) and lyophilized in 0.5 mg/ml in 20mM Tris and 50mM NaCl, pH 7.5.
Application	Western blotting.
Solubility	It is recommended to add deionized water to prepare a working stock solution of approximately 0.5 mg/ml and let the lyophilized pellet dissolve completely. Product is not sterile! Please filter the product by an appropriate sterile filter before using it
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**