



# Native Human S100BB homodimer (>95%) (DAGA-815)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

Species	Human
Purity	> 95% as determined by SDS-PAGE
Conjugate	N/A
Applications	Standard, Immunogen
Format	Lyophilized
Size	100 µg
Buffer	Lyophilized from 5 mM Tris-HCl, pH 7.5 with 5 mM 2-mercaptoethanol and 2 mM EDTA
Preservative	None
Storage	Store at -20°C

## BACKGROUND

Introduction	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.
Keywords	S-100 BB Protein; S-100 protein; S-100 beta-beta homodimer