

<b>Product Name :</b>	S100B
<b>Cat No. :</b>	P0015
<b>Uniprot ID:</b>	P04271
<b>Gene Description:</b>	S100 calcium binding protein B
<b>Synonyms:</b>	S100; S100 calcium binding protein B
<b>Species:</b>	Human
<b>Source:</b>	E.coli, Recombinant
<b>Character:</b>	Liquid
<b>Application :</b>	Immunogen; Standard; Calibrator
<b>Concentration:</b>	1mg/ml
<b>Purity:</b>	>90%
<b>QA Standard:</b>	SDS PAGE
<b>Buffer:</b>	0.15M PBS, pH 7.5 with 50% glycerol
<b>Storage:</b>	-20°C for one year
<b>Background:</b>	<p>S100B is a member of the S100 family of proteins containing 2 EF-hand calcium-binding motifs and has been implicated in the regulation of cellular activities such as metabolism, motility and proliferation. In the nervous system, S100B is constitutively released by astrocytes into the extracellular space at nanomolar concentrations. Serum levels of S100B increase in patients during the acute phase of brain damage. Elevated S100B levels accurately reflect the presence of neuropathological conditions including traumatic head injury or neurodegenerative diseases.</p>