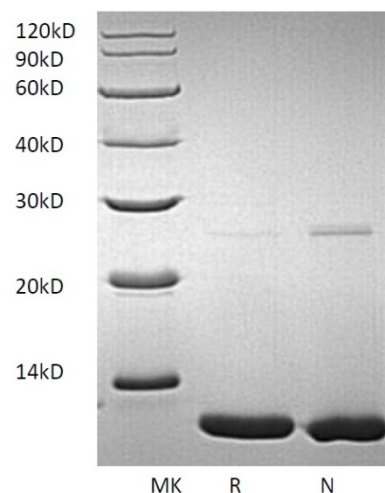


## PRODUCT SPECIFICATIONS

<b>Name</b>	Recombinant S100B, 50 µg
<b>Description</b>	Recombinant human S100 calcium binding protein B antigen is produced by E.coli expression system and the target gene encoding Met1-Glu92 is expressed with a 6His tag at the N-terminus. Predicted molecular weight: 12 kDa.
<b>Amino acid sequence</b>	MNHKVHHHHHHMSELEKAMVALIDVFHQYSGREGDKHKLKSELKELINNELSHFLEEIKEQEVV DKVMETLDNDGDGECDFQEFMAFVAMVTTACHEFFEHEC
<b>Production host</b>	<i>Escherichia coli (E. coli)</i>
<b>Product code</b>	710014
<b>Product formulation</b>	Lyophilized
<b>Product buffer</b>	20 mM PBS, pH 7.4, 150 mM NaCl
<b>Reconstitution</b>	Reconstitute lyophilized protein with 100 µl of deionized water
<b>Shelf life and storage</b>	-20 °C
<b>Analyte description</b>	S100B belongs to the family of dimeric calcium-binding S100 proteins. S100B is a biomarker for traumatic brain injury. S100B can also be used as a prognostic tool in melanoma patient care.
<b>Product concentration</b>	0.5 mg/ml when reconstituted with 100 µl of deionized water
<b>Purity</b>	SDS-PAGE > 90 %



N: Non-reducing  
R: Reducing  
MK: Protein Molecular Weight Marker

<b>Reactivity with MedixMABs</b>	Anti-h S100B 11401: + Anti-h S100B 11402: + Anti-h S100B 11404: +
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