

S100BB recombinant protein

S100BB Protein (Active)

CATALOG # AAA59083	HOST E Coli	APPLICATIONS SDS-Page, ELISA
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PRODUCT SYNONYMS

S100BB; S100BB Protein (Active); S100BB recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	>95% by SDS-PAGE
Form/Format	Liquid ; Each vial contains Tris-HCl (pH7.4 ± 0.2) with 0.1% NaN3.
Concentration	0.5mg/ml (varies by lot)
Applicable Applications for S100BB recombinant protein	SDS-PAGE, ELISA
Preparation and Storage	Ship at 4 degree C. Upon receipt, aliquot and store at -20 degree C or -80 degree C for long term. Avoid repeated freeze and thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for S100BB recombinant protein	S100B (S100 calcium binding protein B) is a glial-derived protein that is a well-established biomarker for severity of neurological injury and prognosis for recovery. It functions as a neurotrophic factor and neuronal survival protein during development of the central nervous system. S100B is glial-specific and is expressed at high levels in brain primarily by astrocytes, but not all astrocytes express S100B. It has been shown that S100B is only expressed by a subtype of mature astrocytes that ensheath blood vessels and by NG2-expressing cells. The increased S100B in the brain can be detrimental and may augment pathogenic responses to injury by accelerating neuroinflammatory processes. Chromosomal rearrangements and altered expression of this gene have been implicated in several neurological, neoplastic, and other types of diseases, including Alzheimer's disease, Down's syndrome, epilepsy, amyotrophic lateral sclerosis, melanoma, and type I diabetes. And the regulation of S100B by melittin has potential for the treatment of epilepsy.
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/s100bb-recombinant-protein-e-coli-sds-page-elisa/59083>