

S100 Calcium Binding Protein B (S100B) Recombinant Protein | S100B recombinant protein

Recombinant S100 Calcium Binding Protein B (S100B)

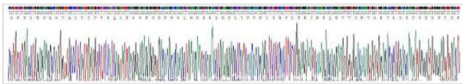
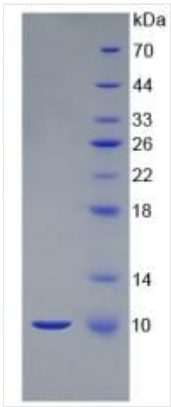
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA134572	E.coli	Mus musculus (Mouse)	Western Blot, SDS-Page

PRODUCT SYNONYMS

S100 Calcium Binding Protein B (S100B); Recombinant S100 Calcium Binding Protein B (S100B); S100B recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Mus musculus (Mouse)
Purity/Purification	> 90%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 0.01% SKL, 5% Trehalose .
Concentration	Original Concentration: 200ug/mL (varies by lot)
Applicable Applications for S100B recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Met1~Glu92
Tags	N-terminal His Tag
Subcellular Location	Nucleus, Cytoplasm
Traits	Freeze-dried powder
Predicted isoelectric point	4.9
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.



Gene Sequence
Gene Sequencing (extract)

SDS-PAGE

MSELEKAMVA LIDVFHQYSG REGDKHKLKK SELKELINNE LSHFLEEIKE
QEVVDKVMET LDEDGDGED FQEFMAFVAM VTTACHEFFE HE

Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	6677839
NCBI GeneID	20203
NCBI Accession #	NP_033141.1
NCBI GenBank Nucleotide #	NM_009115.3
UniProt Accession #	P50114
Molecular Weight	Predicted Molecular Mass: 12.0kDa Accurate Molecular Mass: 10kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	protein S100-B
NCBI Official Synonym Full Names	S100 protein, beta polypeptide, neural
NCBI Official Symbol	S100b
NCBI Official Synonym Symbols	Bpb; AI850290
NCBI Protein Information	protein S100-B; S-100 protein beta chain; S-100 protein subunit beta; S100 calcium-binding protein B
UniProt Protein Name	Protein S100-B
UniProt Gene Name	S100b
UniProt Entry Name	S100B_MOUSE

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/s100b-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/134572>