

S100 Calcium Binding Protein A8 (S100A8) Recombinant Protein | S100A8 recombinant protein

Recombinant S100 Calcium Binding Protein A8 (S100A8)

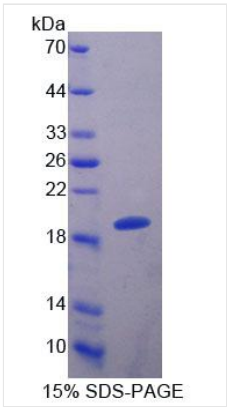
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA134523	E.coli	Bos taurus; Bovine (Cattle)	Western Blot, SDS-Page

PRODUCT SYNONYMS

S100 Calcium Binding Protein A8 (S100A8); Recombinant S100 Calcium Binding Protein A8 (S100A8); S100A8 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Bos taurus; Bovine (Cattle)
Purity/Purification	> 97%
Form/Format	PBS, pH7.4, containing 0.01% Sarcosyl, 5% Trehalose.
Concentration	Original Concentration: 200ug/mL (varies by lot)
Sequence	MLTDLECAIN SLIDVYHKYS LKKGNYHAVY RDDLKQLLET ECPKFMKKKD ADTWFKELDI NQDGGINFEE FLVLVIKVL EAHEEIHKE
Applicable Applications for S100A8 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Met1~Glu89
Tags	N-terminal His Tag
Subcellular Location	Membrane, Secreted, Cytoplasm
Traits	Freeze-dried powder
Predicted isoelectric point	5.5
Usage	Reconstitute in 10mM PBS (pH7.4) 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 degree C for one month. Aliquot and store at -80 degree 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 degree 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.



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	165973998
NCBI GeneID	616818
NCBI Accession #	NP_001107197.1
NCBI GenBank Nucleotide #	NM_001113725.2
UniProt Accession #	P28782; Q2NKR8
Molecular Weight	Predicted Molecular Mass: 17.2kDa Accurate Molecular Mass: 19kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	protein S100-A8
NCBI Official Synonym Full Names	S100 calcium binding protein A8<
NCBI Official Symbol	S100A8
NCBI Protein Information	protein S100-A8; P7; BEE11; calgranulin-A; S100 calcium-binding protein A8; neutrophil cytosolic 7 kDa protein
UniProt Protein Name	Protein S100-A8
UniProt Gene Name	S100A8
UniProt Synonym Gene Names	P7
UniProt Entry Name	S10A8_BOVIN

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/s100a8-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/134523>