

Bone Sialoprotein (BSP) Protein | BSP protein

Eukaryotic Bone Sialoprotein (BSP)

CATALOG # AAA150607	HOST 293F cells	APPLICATIONS Western Blot, SDS-Page
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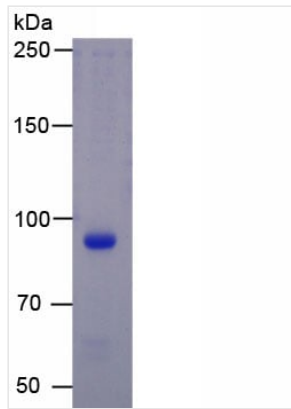
PRODUCT SYNONYMS

Bone Sialoprotein (BSP); Eukaryotic Bone Sialoprotein (BSP); Bone Sialoprotein; IBSP; Bsp; BspII; SpII; Integrin-Binding Bone Sialoprotein; Cell-binding sialoprotein; Bone sialoprotein 2; BSP protein

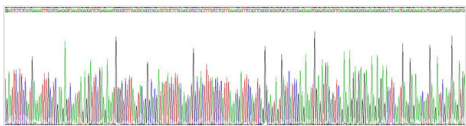
PRODUCT SPECIFICATIONS

Host	293F cells
Purity/Purification	>95%
Form/Format	Freeze-dried powder PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Sequence	Phe17~Gln3 17
Applicable Applications for BSP protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Eukaryotic expression
Species	Human
Tag	Two N-terminal Tags, His-tag and SUMO-tag
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	4
Subcellular Location	Secreted
Usage	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Avoid repeated freeze/thaw cycles. 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.

IMAGES



SDS-PAGE
Figure. SDS-PAGE



Gene Sequence
Figure. Gene Sequencing (extract)

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FSMK NLHRRVKIED SEENGVFYKVR PRYLYKHAY
FYPHLKRFPV QGSSDSSEEN GDSSEEEEE EEETSNEGEN NEESNEDEDS
EAENTTTSAT TLGYGEDATP GTGYTGLAAI QLPKKAGDIT NKATKEKESD
EEEEEEEEEGN ENEESEAEVD ENEQGINGTS TNSTEAENGQ GSSGGDNGEE
GEEESVTGAN AEDTTETGRQ GKGTSKTTTS PNGGFEP TTP PQVYRTTSP
FGKTTTVEYE GEYEYTGANE YDNGYEIYES ENGEPRGDNY RAYEYYSYF
KGQGYDGYDG QNYHHQ
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Sequence

ADDITIONAL INFORMATION

Product Categories/Family for BSP protein	Metabolic pathway; Developmental science; Bone metabolism; Eukaryotic proteins/EP
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NCBI AND UNIPROT INFORMATION

Molecular Weight	Predicted Molecular Mass: 46.6kDa Accurate Molecular Mass: 90kDa
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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/293f-cells-protein/bone-sialoprotein-bsp/150607>