

Osteopontin (OPN) Recombinant Protein | OPN recombinant protein

Recombinant Osteopontin (OPN)

CATALOG # AAA153405	HOST E coli	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Osteopontin (OPN); Recombinant Osteopontin (OPN); Osteopontin; OPN recombinant protein (prokaryotic); Mouse; SPP1; BNSP; BSP1; ETA1; Secreted Phosphoprotein 1; Bone Sialoprotein I; Early T-Lymphocyte Activation 1; Nephropontin; Urinary stone protein; Uropontin; OPN recombinant protein

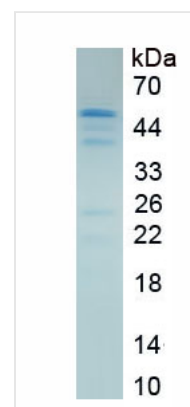
PRODUCT SPECIFICATIONS

Host	E coli
Purity/Purification	Greater than 80% by SDS-PAGE
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose. Freeze-dried powder
Sequence Positions	Leu17~Asn294
Applicable Applications for OPN recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Expression System	Prokaryotic expression
Species	Mouse
Tag	N-terminal His
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	4.1
Subcellular Location	Secreted
Research Area	Tumor immunity
Preparation and Storage	Store at 2-8 degree C for one month, -80 degree C for 12 months Stable for 12 months if correctly stored.

IMAGES

L P K V Y T D G S S R K K L Y S L A P O P I A T W L V P P S Q K N L L A P Q M A V S S R K K D P K G E T L F S N S R S H E H M D O O O O O O O O G T H A S K E S G V T G D R S D S H S H S R S D E T Y T A S T Q A D T F T P I V P T V D V P N G R D S L A Y L K S K S R F Q V S D E Q V P D A T D E L T S H K S E K S L D V I P V A G L L S R P S Q K N N K G S R S S Q L D E P S L E T H L E H S K S Q R S A Q S D V I D Q A S S K A S L E H S G S H P H S H D E L V L D F S K E D O R Y L K P R I S H E L R S S S S E V N

Amino Acid Info



SDS-PAGE
Figure. SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for OPN recombinant protein	Prokaryotic proteins
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NCBI AND UNIPROT INFORMATION

NCBI GI #	129261
NCBI GeneID	20750
UniProt Accession #	P10923; P19008; Q91VH4
Molecular Weight	32,459 Da
NCBI Official Full Name	Osteopontin
NCBI Official Synonym Full Names	secreted phosphoprotein 1
NCBI Official Symbol	Spp1
NCBI Official Synonym Symbols	OP; 2AR; Bsp; Eta; Opn; Ric; BNSP; BSPI; Opnl; Apl-1; ETA-1; Spp-1
NCBI Protein Information	osteopontin; minopontin; bone sialoprotein 1; osteopontin-like protein; 44 kDa bone phosphoprotein; early T-lymphocyte activation 1 protein; calcium oxalate crystal growth inhibitor protein
UniProt Protein Name	Osteopontin
UniProt Gene Name	Spp1
UniProt Synonym Gene Names	Eta-1; Op; Spp-1; SPP-1
UniProt Entry Name	OSTP_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/spp1-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/153405>