

Recombinant Human SPP1 Full Length protein, His-tagged

Cat. No. SPP1-664H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human SPP1 protein(Met 1-Asn 314), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Met 1-Asn 314
Tag	C-His
Form	Liquid in sterile PBS, pH7.4.
Molecular Mass	The protein has a calculated MW of 35 kDa.
Endotoxin	<1.0EU per 1µg (determined by the LAL method).
Purity	> 80 % as determined by SDS-PAGE.
Storage	Store it under sterile conditions at -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Concentration	1.0 mg/ml.
Reconstitution	Centrifuge the vial at 4°C before opening to recover the entire contents.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

AA Sequence

IPVKQADSGSSEEKQLYNKYPD VATWLNPDPSQKQNL LAPQNAV SSEETNDFKQE
 TLPSKSNESHDMDDMDDEDDDDH VDSQDSIDSNDSDDVDDTDDSHQSDESHHS
 DESDELVTDFPTDLPATEVFTPVVPTVD TYDGRGDSVVYGLRSKSKKFRRPDIQYPD
 ATDEDITSHMESEELNGAYKAIPVAQDLN APSDWD SRGKDSYETSQLDDQSAETHS
 HKQSRLYKRKANDESNEHSDVIDSQELSKVSREFHSHEFHSHEDMLVVDPKSKEED
 KHLKFRISHELDSASSEVNAHHHHHHHHHHH

GENE INFORMATION

Gene Name [SPP1 secreted phosphoprotein 1 \[Homo sapiens \]](#)

Official Symbol [SPP1](#)

Synonyms

SPP1; secreted phosphoprotein 1; BNSP, bone sialoprotein I , OPN, osteopontin;
 osteopontin; BSPI; early T lymphocyte activation 1; ETA 1; uropontin; nephropontin;
 osteopontin-C; osteopontin-D; SPP1/CALPHA1 fusion; bone sialoprotein 1; urinary
 stone protein; early T-lymphocyte activation 1; osteopontin/immunoglobulin alpha 1
 heavy chain constant region fusion protein; secreted phosphoprotein 1 (osteopontin,
 bone sialoprotein I, early T-lymphocyte activation 1); OPN; BNSP; ETA-1;
 MGC110940;

Gene ID [6696](#)

mRNA Refseq [NM_000582](#)

Protein Refseq [NP_000573](#)

MIM [166490](#)

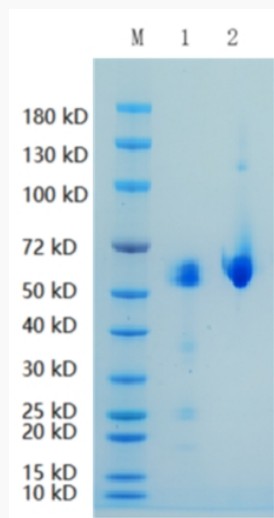
UniProt ID [P10451](#)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

SDS-PAGE



Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA