

Human SPP1 Recombinant Protein



RPPB0955

Product Information Protein Information

Product SKU:

RPPB0955

Accession:

P10451

Host:

HEK293 cells.

Protein description:

Osteopontin Human Recombinant is a single, glycosylated, polypeptide chain produced in HEK293 cells, is a full length protein (amino acids 17-314) fused with a polyhistidine tag at the C-terminus, having a total calculated molecular mass of 34.5kDa (The actual molecular mass may be approximately 60-65kDa in SDS-PAGE under reducing conditions due to glycosylation).Osteopontin is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

Secreted Phosphoprotein-1, OPN, BNSP, BSPI, ETA-1, MGC110940, SPP-1, Osteopontin, Bone sialoprotein 1, Urinary stone protein, Nephropontin, Uropontin, SPP1.

Formulation:

Osteopontin was lyophilized from a 0.2 μ M filtered solution of 20mM PB and 150mM NaCl, pH 7.2.

Purity:

Greater than 95.0% as determined by SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized SPP1 in 1xPBS to a concentration no less than 100 μ g/ml, which can then be further diluted to other aqueous solutions.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time.Please avoid freeze thaw cycles.

Amino Acid Sequence:

IPVKQADSGSSEEKQLYNKYPDAVATWLNPDPSQKQNLAPQNAVSSEETNDFKQETLPSKSNESHDMDDMD
DEDDDDHVDSQDSIDSNDSDDVDDTDDSHQSDSHHSDDELVTDFPTDLPATEVFTPVVPTVDTYDGRGDSV
VYGLRSKSKKFRPDIQYPDATDEDITSHMESEELNGAYKAIPVAQDLNAPSDWDSRGKDSYETSQLDDQSAETHS
HKQSRLYKRKANDESNEHSDVIDSQELSKVSREFHSHEFHSHEDMLVDPKSKKEEDKHLKFRISHELDSASSEVNVD
HHHHHH.