

# Human SPP1 Recombinant Protein



RPPB0954

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## Product Information    Protein Information

**Product SKU:**

RPPB0954

**Accession:**

P10451

**Host:**

Escherichia Coli.

**Protein description:**

Secreted Phosphoprotein-1 Human Recombinant produced in E.Coli is single, a non-glycosylated, Polypeptide chain containing 321 amino acids fragment (17-314) and having a total molecular mass of 36.2 kDa(molecular weight on SDS-PAGE will shift up). The SPP1 protein is fused to a 20 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered clear colorless solution.

**Synonyms:**

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

**Formulation:**

Osteopontin is supplied in 20mM Tris-HCl buffer pH-7.5, 1mM DTT, 2mM EDTA and 10% glycerol.

**Purity:**

Greater than 90.0% as determined by SDS-PAGE.

**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. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Amino Acid Sequence:**

MGSSHHHHHH SGLVPRGSH RSMIPVKQAD SGSSEKQLY NKYPDAVATW LNPDPKQKQ LLAPQNAVSS  
EETNDFKQET LPSKSNESH D HMDDMDDED DDHVDSQDSI DSNDSDDVDD TDDSHQSDES HHSDESDELV  
TDFPTDLPAT EVFTPVVPTV DTYDGRGDSV VYGLRSKSKK FRRPDIQYPD ATDEDITSHM ESEELNGAYK  
AIPVAQDLNA PSDWDSRGKD SYETSQLDDQ SAETHSHKQS RLYKRKANDE SNEHSDVIDS QELSKVSREF  
HSHEFHSHED MLVVDPKSKE EDKHLKFRIS HELDSASSEV N.