

Recombinant Human SPP1 protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human SPP1 protein(P10451)(Ile17-Asn314) is expressed in Mammalian Cells with a His tag at the C-terminus.
Species	Human
Source	Mammalian Cells
ProteinLength	17-314 aa
Form	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Molecular Mass	34.75 KDa
Endotoxin	< 1 EU/g as determined by LAL test.
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Storage	Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at ≤ -20°C for 3 months.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100µg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

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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

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