

Recombinant Mouse SPP1 protein, His-Avi-tagged, Biotinylated

Cat. No. SPP1-0598M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Mouse SPP1 protein(Leu17-Asn294), fused with His and Avi tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	17-294 a.a.
Form	Lyophilized from 0.22 µm filtered solution in PBS, 0.2 M Arginine, pH7.4. Normally trehalose is added as protectant before lyophilization.
Molecular Mass	This protein carries a polyhistidine tag at the C-terminus, followed by an Avi tag (Avitag).The protein has a calculated MW of 34.3 kDa. The protein migrates as 45-55 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Leu17-Asn294
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

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Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
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Conjugation	Biotin
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GENE INFORMATION

Gene Name	Spp1 secreted phosphoprotein 1 [Mus musculus]
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Official Symbol	SPP1
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Synonyms	SPP1; secreted phosphoprotein 1; osteopontin; minopontin; bone sialoprotein 1; osteopontin-like protein; 44 kDa bone phosphoprotein; early T-lymphocyte activation 1 protein; calcium oxalate crystal growth inhibitor protein; OP; 2AR; Bsp; Eta; Opn; Ric; BNSP; BSPI; Opnl; Apl-1; ETA-1; Spp-1;
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Gene ID	20750
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mRNA Refseq	NM_001204201
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Protein Refseq	NP_001191130
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