

Recombinant Mouse SPP1 protein, His-tagged

Cat. No. SPP1-465M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse SPP1 protein(P10923)(Leu17-Asn294), fused with C-terminal His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Leu17-Asn294
Tag	C-His
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Molecular Mass	The protein has a predicted MW of 31.8 kDa. Due to glycosylation, the protein migrates to 50-60 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE;> 95% as determined by HPLC
Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
Reconstitution	Centrifuge tubes before opening. Reconstituting to a concentration more than 100

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μg/ml is recommended. Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name [Spp1 secreted phosphoprotein 1 \[Mus musculus \]](#)

Official Symbol [SPP1](#)

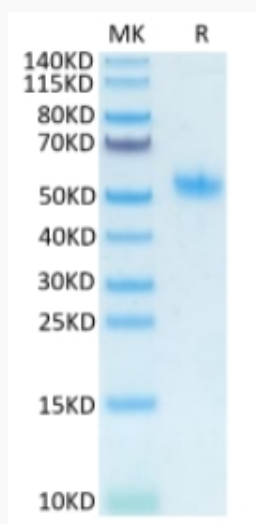
Synonyms SPP1; secreted phosphoprotein 1; osteopontin; minopontin; bone sialoprotein 1; osteopontin-like protein; 44 kDa bone phosphoprotein; early T-lymphocyte activation 1 protein; calcium oxalate crystal growth inhibitor protein; OP; 2AR; Bsp; Eta; Opn; Ric; BNSP; BSPI; Opnl; Apl-1; ETA-1; Spp-1;

Gene ID [20750](#)

mRNA Refseq [NM_001204201](#)

Protein Refseq [NP_001191130](#)

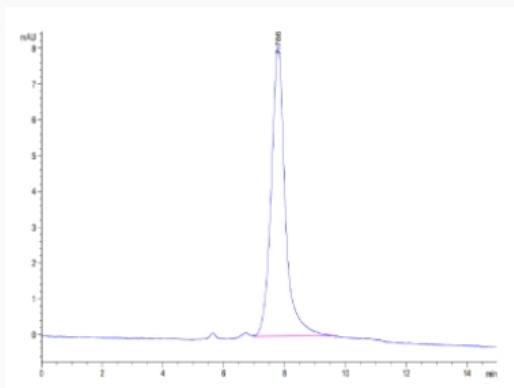
Tris-Bis PAGE



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