

## Recombinant Mouse Spp1 Protein, Myc/DDK-tagged

Cat. No. Spp1-6106M    Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of mouse full-length secreted phosphoprotein 1 (Spp1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	Acts as a cytokine involved in enhancing production of interferon-gamma and interleukin-12 and reducing production of interleukin-10 and is essential in the pathway that leads to type I immunity.
<b>Molecular Mass</b>	32.9 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>50 µg/mL as determined by microplate BCA method
<b>Storage Buffer</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

### GENE INFORMATION

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<b>Gene Name</b>	Spp1 secreted phosphoprotein 1 [ Mus musculus (house mouse) ]
<b>Official Symbol</b>	Spp1
<b>Synonyms</b>	Spp1; secreted phosphoprotein 1; B; R; Ap; OP; Sp; mi; 2AR; Bsp; Eta; Opn; Ric; ost; BNSP; BSPI; ETA-; Opnl; Apl-1; ETA-1; Spp-1; osteopontin; 44 kDa bone phosphoprotein; bone sialoprotein 1; calcium oxalate crystal growth inhibitor protein; early T-lymphocyte activation 1 protein; minopontin; osteopontin-like protein
<b>Gene ID</b>	20750
<b>mRNA Refseq</b>	NM_009263
<b>Protein Refseq</b>	NP_033289
<b>UniProt ID</b>	P10923

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