

Recombinant Mouse Spp1 Protein, Myc/DDK-tagged

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

SPECIFICATION

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

GENE INFORMATION

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Gene Name	Spp1 secreted phosphoprotein 1 [Mus musculus (house mouse)]
Official Symbol	Spp1
Synonyms	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
Gene ID	20750
mRNA Refseq	NM_009263
Protein Refseq	NP_033289
UniProt ID	P10923

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