

Active Recombinant Mouse Spock3 protein, His-tagged

Cat. No. Spock3-871M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Spock3 protein(NP_076178.1)(Met1-Ile436), fused with His tag, was expressed in Insect Cells.
Species	Mouse
Source	Insect Cells
ProteinLength	Met1-Ile436
Form	Lyophilized from sterile 20 mM Tris, 500 mM NaCl, 10 % glycerol, pH 7.4. Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Bio-activity	Measured by its ability to inhibit active Cathepsin L cleavage of a fluorogenic peptide substrate Z-Leu-Arg-AMC. The IC ₅₀ value is < 15 nM.
Molecular Mass	The recombinant mouse Spock3 consists 425 amino acids and predicts a molecular mass of 48.3 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C

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Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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.

GENE INFORMATION
Gene Name

Spock3 sparc/osteonectin, cwcw and kazal-like domains proteoglycan 3 [Mus musculus]

Official Symbol

Spock3

Synonyms

SPOCK3; sparc/osteonectin, cwcw and kazal-like domains proteoglycan 3; testican-3; testican 3; AI428471; mKIAA4039; 2900045C01Rik; KIAA4039;

Gene ID

72902

mRNA Refseq

NM_001252620

Protein Refseq

NP_001239549

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