

## Active Recombinant Mouse Spock3 protein, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Spock3 protein(NP_076178.1)(Met1-Ile436), fused with His tag, was expressed in Insect Cells.
<b>Species</b>	Mouse
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	Met1-Ile436
<b>Form</b>	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.
<b>Bio-activity</b>	Measured by its ability to inhibit active Cathepsin L cleavage of a fluorogenic peptide substrate Z-Leu-Arg-AMC. The IC50 value is < 15 nM.
<b>Molecular Mass</b>	The recombinant mouse Spock3 consists 425 amino acids and predicts a molecular mass of 48.3 kDa.
<b>Endotoxin</b>	< 1.0 EU per µg protein as determined by the LAL method.
<b>Purity</b>	> 90 % as determined by SDS-PAGE.
<b>Storage</b>	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, cwcv and kazal-like domains proteoglycan 3 [ Mus musculus ]

**Official Symbol**

Spock3

**Synonyms**

SPOCK3; sparc/osteonectin, cwcv 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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