

Mouse Testican-3 / SPOCK3 Protein (His Tag)

Catalog Number: 50459-M08B



Sino Biological
Biological Solution Specialist

General Information

Gene Name Synonym:

2900045C01Rik; AI428471; mKIAA4039

Protein Construction:

A DNA sequence encoding the mouse Spock3 (NP_076178.1) (Met1-Ile436) was expressed with a polyhistidine tag at the C-terminus.

Source: Mouse

Expression Host: Baculovirus-Insect Cells

QC Testing

Purity: > 90 % as determined by SDS-PAGE.

Bio Activity:

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.

Endotoxin:

< 1.0 EU per µg protein as determined by the LAL method.

Stability:

Samples are stable for up to twelve months from date of receipt at -70 °C

Predicted N terminal: Ala 23

Molecular Mass:

The recombinant mouse Spock3 consists 425 amino acids and predicts a molecular mass of 48.3 kDa.

Formulation:

Lyophilized from sterile 20 mM Tris, 500 mM NaCl, 10 % glycerol, pH 7.4.

Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA. Please contact us for any concerns or special requirements.

Usage Guide

Storage:

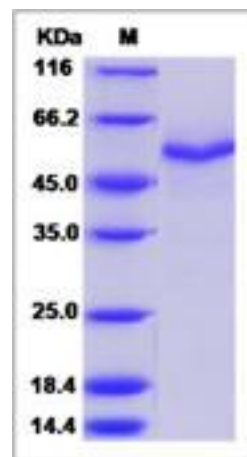
Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

Avoid repeated freeze-thaw cycles.

Reconstitution:

Detailed reconstitution instructions are sent along with the products.

SDS-PAGE:



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