

Active Recombinant Mouse Smoc1, His-tagged

Cat. No. Smoc1-272M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Smoc1 (Accession # AAD41590) His26-Val452, fused with a C-terminal 6-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Mouse
Source	Mammalian Cells
ProteinLength	26-452 a.a.
Predicted N Terminal	His26 & Ile35
Form	Lyophilized from a 0.2 µ filtered solution in PBS.
Bio-activity	Measured by the ability of the immobilized protein to support the adhesion of A431 human epithelial carcinoma cells. When 5×10^4 cells/well are added to rmSMOC-1 coated plates, cell adhesion is enhanced in a dose dependent manner after 75 minutes at 37 °C. The ED50 for this effect is typically 1 - 4 µg/mL.
Molecular Mass	Recombinant Mouse Smoc1, His-tagged has a calculated MW of 47.9 kDa. In SDS-PAGE migrates as 60-65 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3

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months (-70°C).

GENE INFORMATION

Gene Name [Smoc1 SPARC related modular calcium binding 1 \[Mus musculus \]](#)

Official Symbol Smoc1

Synonyms

SMOC1; SPARC related modular calcium binding 1; SPARC-related modular calcium-binding protein 1; SMOC-1; SPARC-related protein; SPARC-related gene protein; secreted modular calcium binding protein 1; secreted modular calcium-binding protein 1; SRG; AI848508; 2600002F22Rik;

Gene ID [64075](#)

mRNA Refseq [NM_001146217](#)

Protein Refseq [NP_001139689](#)

MIM

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