

Active Recombinant Mouse Smoc2, His-tagged

Cat. No. Smoc2-311M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Smoc2 (Accession # AAH19527) Leu30-Gly447, fused with a C-terminal 6-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Mouse
Source	Mammalian Cells
ProteinLength	30-447 a.a.
Predicted N Terminal	Leu30
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-2 coated plates, cell adhesion is enhanced in a dose dependent manner after 75 minutes at 37 °C. The ED50 for this effect is typically 0.2 - 0.8 µg/mL.
Molecular Mass	Recombinant Mouse Smoc2, His-tagged has a calculated MW of 47.6 kDa. In SDS-PAGE migrates as 58-61 kDa, reducing conditions.
Purity	>90%, 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	Smoc2 SPARC related modular calcium binding 2 [Mus musculus]
Official Symbol	Smoc2
Synonyms	SMOC2; SPARC related modular calcium binding 2; SPARC-related modular calcium-binding protein 2; SMOC-2; secreted modular calcium-binding protein 2; Smoc2l; 1700056C05Rik; 5430426J21Rik;
Gene ID	64074
mRNA Refseq	NM_022315
Protein Refseq	NP_071710
MIM	

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