

Recombinant Human SMOC1 protein(Met1-Val435), His-tagged

Cat. No. SMOC1-243H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SMOC1 isoform 1 (NP_001030024.1) (Met 1-Val 435) was expressed in HEK293, fused with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-435 a.a.
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant human SMOC1 consists of 420 amino acids and has a predicted molecular mass of 47 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rhSMOC1 is approximately 55-60 kDa due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 92 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. 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

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	SMOC1 SPARC related modular calcium binding 1 [Homo sapiens]
Official Symbol	SMOC1
Synonyms	SMOC1; SPARC related modular calcium binding 1; SPARC-related modular calcium-binding protein 1; secreted modular calcium-binding protein 1; OAS;
Gene ID	64093
mRNA Refseq	NM_001034852
Protein Refseq	NP_001030024
MIM	608488
UniProt ID	Q9H4F8

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