

Datasheet for ABIN7607716

**SMOC1 Protein (AA 27-434) (His tag)**[Go to Product page](#)

## Overview

Quantity:	50 µg
Target:	SMOC1
Protein Characteristics:	AA 27-434
Origin:	Human
Source:	Mammalian Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This SMOC1 protein is labelled with His tag.
Application:	Western Blotting (WB), Immunogen (Imm), SDS-PAGE (SDS), ELISA, Activity Assay (AcA)

## Product Details

Purpose:	Recombinant Human SMOC1 Protein, C-His (Active)
Purity:	>90 % as determined by SDS-PAGE.
Endotoxin Level:	<0.1 EU/µg of the protein by the LAL method.
Biological Activity Comment:	Measured by the ability of the immobilized protein to support the adhesion of human epithelial carcinoma cells (A431). When $5 \times 10^4$ cells/well are added to rhSMOC1 (Cat #: AHN57901) coated plates, cell adhesion is enhanced in a dose dependent manner after 75 minutes at 37 °C. The ED50 for this effect is 0.5-2 µg/mL.

## Target Details

Target:	SMOC1
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## Target Details

Alternative Name:	SMOC1 ( <a href="#">SMOC1 Products</a> )
Background:	SMOC1, SPARC-related modular calcium-binding protein 1, SMOC-1, Secreted modular calcium-binding protein 1
UniProt:	<a href="#">Q9H4F8</a>
Pathways:	<a href="#">SARS-CoV-2 Protein Interactome</a>

## Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

Format:	Lyophilized
Buffer:	Lyophilized from a solution in PBS pH 7.4, 5 % Trehalose, 5 % Mannitol.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8°C for one week. Store at -20 to -80°C for twelve months from the date of receipt.
Expiry Date:	12 months