

Datasheet for ABIN7321189

CLMP Protein (His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	CLMP
Origin:	Rat
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This CLMP protein is labelled with His tag.

Product Details

Purpose:	Recombinant Rat ASAM Protein (His Tag)(Active)
Sequence:	Met1-Met232
Characteristics:	A DNA sequence encoding the rat ASAM (Q8K1G0) (Met1-Met232) was expressed, fused with a polyhistidine tag at the C-terminus.
Purity:	> 85 % as determined by SDS-PAGE
Endotoxin Level:	< 1.0 EU per µg of the protein as determined by the LAL method
Biological Activity Comment:	Measured by the ability of the immobilized protein to support the adhesion of MS-1 cells. When 5 x 10E4 cells/well are added to Recombinant Rat ASAM coated plates (12.5 µg/mL with 100 µL/well), 35-70% cells will adhere after 1 hour incubation at 37°C.

Target Details

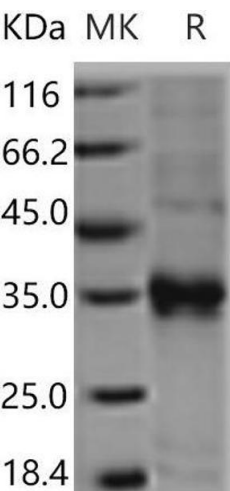
Target:	CLMP
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Target Details

Alternative Name:	ASAM (CLMP Products)
Background:	<p>Background: Adipocyte-specific adhesion molecule (ASAM), also known as ACAM and CLMP, is a type I transmembrane protein and a member of the CTX (cortical thymocyte marker in <i>Xenopus</i>) family within the immunoglobulin superfamily. ASAM protein is highly expressed in the small intestine and placenta, and is found at intermediate levels in the heart, skeletal muscle, colon, spleen, kidney, and lung, and appears in low levels in the liver and peripheral blood leukocytes as well. ASAM is a transmembrane component of tight junctions in epithelial cells that can mediate cell aggregation and regulate transepithelial resistance across polarized epithelial cells. In addition, its expression is strongly correlated with white adipose tissue (WAT) mass of human and rodents with obesity.</p> <p>Synonym: ASAM, Clmp ,Acam</p>
Molecular Weight:	25.6 kDa
UniProt:	Q8K1G0

Application Details

Restrictions:	For Research Use only
Handling	
Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from sterile PBS, pH 7.4
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	<p>Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C.</p> <p>Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.</p>



Western Blotting

Image 1.