

Datasheet for ABIN7320234

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

Overview

Quantity:	100 µg
Target:	CLMP
Origin:	Mouse
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 Mouse ASAM Protein (His Tag)(Active)
Sequence:	Met 1-Met 232
Characteristics:	A DNA sequence encoding the extracellular domain of mouse ASAM (Q8R373-1) (Met 1-Met 232) was expressed, with a polyhistidine tag at the C-terminus.
Purity:	> 97 % 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 the HUVEC human umbilical vein endothelial cell line. When 4 x 10E4 cells/well are added to mouse ASAM coated plates (30 µg/ml, 100 µl/well), approximately >40 % will adhere after one hour at 37 °C.

Target Details

Target:	CLMP
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Target Details

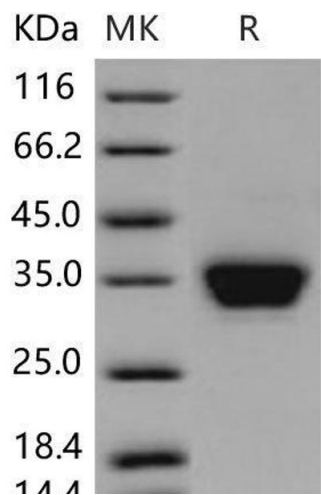
Alternative Name:	ASAM (CLMP Products)
Background:	<p>Background: Adipocyte-specific adhesion molecule (ASAM), also known as ACAM and CLMP, is a type I transmembrane protein and a member of the CTX (cortical thymocyte marker in <i>Xenopus</i>) family within the immunoglobulin superfamily. ASAM protein 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: 9030425E11Rik,ACAM,ASP5,AW557819</p>
Molecular Weight:	25.6 kDa

Application Details

Restrictions:	For Research Use only
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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.