

[Go to Product page](#)

Datasheet for ABIN1096053

CLMP Protein (AA 19-233) (His tag)

Overview

Quantity:	50 µg
Target:	CLMP
Protein Characteristics:	AA 19-233
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CLMP protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human Adipocyte Adhesion Molecule/ASAM/CLMP/ACAM (C-6His)
Sequence:	THTEIKRVAE EKVTLPCHHQ LGLPEKDTLD IEWLLTDNEG NQKVVITYSS RHVYNNLTEE QKGRVAFASN FLAGDASLQI EPLKPSDEGR YTCKVKNSGR YVWSHVILKV LVRPSKPKCE LEGELTEGSD LTLQCESSSG TEPIVYYWQR IREKEGEDER LPPKSRIDYN HPGRVLLQNL TMSYSGLYQC TAGNEAGKES CVVRVTVQYV QSIGMVDHHH HHH
Characteristics:	Recombinant Human Adipocyte Adhesion Molecule/ASAM produced by transfected human cells is a secreted protein with sequence (Thr19-Met233) of Human ASAM fused with a polyhistidine tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

Target Details

Target:	CLMP
Alternative Name:	asam (CLMP Products)
Sub Type:	Fusionprotein
Background:	<p>Adipocyte Adhesion Molecule (ASAM) is a type I transmembrane protein and member of the CTX family within the immunoglobulin superfamily. ASAM may be involved in the cell-cell adhesion, play an important role in adipocyte differentiation and development of obesity. ASAM can be expressed in the skeletal, heart, colon, spleen, muscle, lung and kidney with high level, and in the peripheral blood leukocytes and liver with low level. The extracellular region of ASAM consists two potential N-linked glycosylation sites, and two immunoglobulin domains, one V-type and one C2-type.</p> <p>Alternative Names: CXADR-Like Membrane Protein, Adipocyte Adhesion Molecule, Coxsackie- and Adenovirus Receptor-Like Membrane Protein, CAR-Like Membrane Protein, CLMP, ACAM, ASAM</p>
Molecular Weight:	25.38 kDa
UniProt:	Q9H6B4

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	<p>It is not recommended to reconstitute to a concentration less than 100 µg/mL.</p> <p>Dissolve the lyophilized protein in ddH₂O.</p> <p>Please aliquot the reconstituted solution to minimize freeze-thaw cycles.</p>
Buffer:	Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.2.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	4 °C/-20 °C/-80 °C
Storage Comment:	<p>Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks.</p> <p>Reconstituted protein solution can be stored at 4-7°C for 2-7 days.</p> <p>Aliquots of reconstituted samples are stable at < -20°C for 3 months.</p>
Expiry Date:	3 months