

Recombinant human ASAM protein

Catalog Number: ATGP2643

PRODUCT INFORMATION

Expression system

E.coli

Domain

19-235aa

UniProt No.

Q9H6B4

NCBI Accession No.

NP_079045

Alternative Names

adipocyte-specific adhesion molecule, ACAM, CLMP, FLJ22415

PRODUCT SPECIFICATION

Molecular Weight

26.1 kDa (233aa)

Concentration

0.5mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.4M urea, 10% glycerol

Purity

> 90% by SDS-PAGE

Tag

T7-Tag

Application

SDS-PAGE, Denatured

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

The CTX family of proteins, including ASAM, are type I transmembrane proteins within the Ig superfamily that localize to junctional complexes between endothelial and epithelial cells and may play a role in cell-cell adhesion. Recombinant human CLMP protein, fused to His-tag at N-terminus, was expressed in E. coli.

Amino acid Sequence

<MASMTGGQQM GRGSHM>THT E IKRVAEEKVT LPCHHQLGLP EKDTLDIEWL LTDNEGNQKV VITYSSRHVY
NNLTEEQKGR VAFASNFLAG DASLQIEPLK PSDEGRYTCK VKNSGRYVWS HVILKVLVLRP SKPKCELEGE LTEGSDLTLQ

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CESSSGTEPI VYYWQRIREK EGEDERLPPK SRIDYNHPGR VLLQNLTMSY SGLYQCTAGN EAGKESCVVR VTVQYVQSIG
MVA

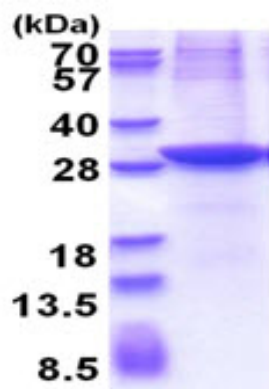
General References

Kolawole,A.O, et al. (2012) J. Virol. 86 (17), 9244-9254

Van Der Werf., et al. (2012) Gastroenterology 142 (3), 453-462

DATA

SDS-PAGE



3 μ g by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3 μ g)