Recombinant human ASAM protein

Catalog Number: ATGP3742

PRODUCT INFORMATION

Expression system
Baculovirus

Domain
19-235aa

UniProt No.
Q9H6B4

NCBI Accession No.
NP_079045

Alternative Names
CXADR like membrane protein, CLMP, ACAM, ASAM, CSBM, CSBS

PRODUCT SPECIFICATION

Molecular Weight
25.6 kDa (226aa)

Concentration
0.5mg/ml (determined by absorbance at 280nm)

Formulation
Liquid in. Phosphate-Buffered Saline (pH 7.4) containing 1mM DTT, 20%glycerol

Purity
> 95% by SDS-PAGE

Endotoxin level
< 1 EU per 1ug of protein (determined by LAL method)

Tag
His-Tag

Application
SDS-PAGE

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
CLMP, also known as CXADR like membrane protein, is a type 1 transmembrane protein and member of the CTX family within the immunoglobulin superfamily. This protein is highly expressed in the small intestine and placenta, and is found at intermediate levels in the heart, skeletal muscle, colon, and lung and appears in low levels in the liver and peripheral blood leukocytes as well. It is localized to junctional complexes between

endothelial and epithelial cells and may play a role in cell-cell adhesion. Also, it plays a role in adipocyte differentiation and development of obesity. Recombinant human CLMP, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Amino acid Sequence

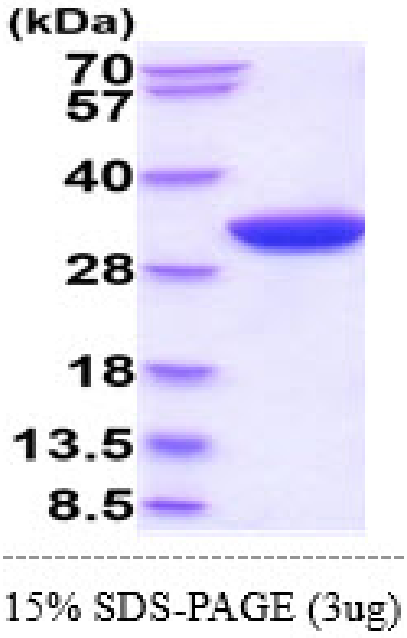
ADPTHTEIKR VAEEKVTLPC HHQLGLPEKD TLDIEWLLTD NEGNQKVVIT YSSRHVYNNL TEEQKGRVAF ASNFLAGDAS LQIEPLKPSD EGRYTCKVKN SGRYVWSHVI LKVLVRPSKP KCELEGELTE GSDLTLQCES SSGTEPIVYY WQRIREKEGE DERLPPKSRI DYNHPGRVLL QNLTMSYSGL YQCTAGNEAG KESCVVRVTV QYVQSIGMVA HHHHHH

General References

Eguchi J., et al, (2005) Biochem J. 387:343-353.
Sze KL., et al, (2006) J Cell Physiol. 214:334-344.

DATA

SDS-PAGE



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