

Recombinant Human CLMP, His-tagged

Cat. No. CLMP-7756H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human Adipocyte Adhesion Molecule/ASAM produced by transfected human cell is a secreted protein with sequence (Thr19Met233) of Human ASAM fused with a polyhistidine tag at the Cterminus.
Species	Human
Source	HEK293
Description	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 cellcell 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 Nlinked glycosylation sites, and two immunoglobulin domains, one Vtype and one C2type.
Form	Lyophilized from a 0.2 µM filtered solution of 20mM PB, 150mM NaCl, pH 7.2
AA Sequence	THTEIKRVAE EKVTLPCHHQ LGLPEKDTLD IEWLLTDNEG NQKVVITYSS RHVYNNLTEE QKGRVAFAS NFLAGDASLQ IEPLKPSDEG RYTCKVKNSG RYVWSHVILK VLVRPSKPKC E LEGELTEG SDLTLQCESS SGTEPIVYYW QRIREKEGED ERLPPKSRID YNHPGRVLLQ NL TMSYSGL YQCTAGNEAG KESCVVRVTV QYVQSIGMVD HHHHHH*
Purity	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.

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Notes	For research use only.
Storage	Lyophilized protein should be stored at less than 20°C. though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C. for 2-7 days. Aliquots of reconstituted samples are stable at less than 20°C. for 3 months.
GENE INFORMATION	
Gene Name	CLMP CXADR-like membrane protein [Homo sapiens]
Official Symbol	CLMP
Synonyms	CLMP; CXADR-like membrane protein; ACAM; adipocyte adhesion molecule; adipocyte specific adhesion molecule; ASAM; coxsackie and adenovirus receptor like membrane protein; FLJ22415; CAR-like membrane protein; adipocyte-specific adhesion molecule; coxsackie- and adenovirus receptor-like membrane protein;
Gene ID	79827
mRNA Refseq	NM_024769
Protein Refseq	NP_079045
MIM	611693
UniProt ID	Q9H6B4
Chromosome Location	11q24