

Recombinant Human CLMP Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CLMP-5663H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ASAM MS Standard C13 and N15-labeled recombinant protein (NP_079045) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a type I transmembrane protein that is localized to junctional complexes between endothelial and epithelial cells and may have a role in cell-cell adhesion. Expression of this gene in white adipose tissue is implicated in adipocyte maturation and development of obesity. This gene is also essential for normal intestinal development and mutations in the gene are associated with congenital short bowel syndrome.
Molecular Mass	41.3 kDa
AA Sequence	MSLLLLLLVSYYVGTLGTHTEIKRVAEEKVTLPCHHQLGLPEKDTLDIEWLLTDNEG NQKVITYSSRHVYNNLTEEQKGRVAFASNFLAGDASLQIEPLKPSDEGRYTCKVKN SGRYVWSHVILKVLVRPSKPKCELEGELTEGSDTLQCESSSGTEPIVYYWQRIREK EGEDERLPPKSRIDYNHPGRVLLQNLTMSYGLYQCTAGNEAGKESCVVRVTQYV QSIGMVAGAVTGIVAGALLIFLLVWLLIRRKDKERYEEEEERPNEIREDAEAPKARLVKP SSSSSGSRSSRSGSSSTRSTANSASRSQRTLSTDAAPQPGLATQAYSLVGPEVRG SEPKKVHHANLTKAETTPSMIPSQSRAFQTVTRTRPLEQKLISEEDLAANDILDYKDD

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	DDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	CLMP CXADR-like membrane protein [Homo sapiens (human)]
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

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UniProt ID

Q9H6B4

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