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**Product Data Sheet**


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Product Name: CLMP Human  
 Cat. No.: GP23176  
 Batch No.: 1

**Product Data**

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	CXADR-Like Membrane Protein; CLMP; Adipocyte Adhesion Molecule; Cocksackie- And Adenovirus Receptor-Like Membrane Protein; ACAM; ASAM; Adipocyte-Specific Adhesion Molecule; CAR-Like Membrane Protein; CSBS; CSBM.		
Amino Acid Sequence	MASMTGGQQM GRGSHMTHTE IKRVAEEKVT LPCHHQLGLP EKDTLDIEWL LTDNEGNQKV VITYSSRHVY NNLTEEKQGR VAFASNFLAG DASLQIEPLK PSDEGRYTCK VKNSGRYVWS HVILKVLVRP SKPKCELEGE LTEGSDLTQL CESSGTEPI VYYWQRIREK EGEDERLPPK SRIDYNHPGR VLLQNLTMSY SGLYQCTAGN EAGKESCVVR VTVQYVQSIG MVA.		
Formulation	The CLMP solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M UREA and 10% glycerol.		

**Introduction**

The CTX family of proteins (including ASAM) are type I transmembrane proteins within the Ig superfamily, which localize to junctional complexes between endothelial and epithelial cells and may play a role in cell-cell adhesion. CLMP has a role in adipocyte differentiation and development of obesity. CLMP is required for normal small intestine development.

**Stability**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Background**

CLMP Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

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chain containing 233 amino acids (19-235) and having a molecular mass of 26.1 kDa. CLMP is fused to a 16 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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