

## 32-3550: CLMP Recombinant Protein

**Alternative Name :** CXADR-Like Membrane Protein, CLMP, Adipocyte Adhesion Molecule, Coxsackie- And Adenovirus Receptor-Like Membrane Protein, ACAM, ASAM, Adipocyte-Specific Adhesion Molecule, CAR-Like Membrane Protein, CSBS, CSBM.

### Description

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

### Product Info

**Amount :** 20 µg  
**Purification :** Greater than 90.0% as determined by SDS-PAGE.  
**Content :** The CLMP solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M UREA and 10% glycerol.  
**Storage condition :** 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.  
**Amino Acid :** MASMTGGQQM GRGSHMTHT E IKRVAEEKVT LPCHHQLGLP EKDTLDIEWL LTDNEGNQKV VITYSSRHVY NNLTEEQKGR VAFASNFLAG DASLQIEPLK PSDEGRYTCK VKNSGRYVWS HVILKVLVRP SKPKCELEGE LTEGSDLTQ CESSSGTEPI VYYWQRIREK EGEDERLPPK SRIDYNHPGR VLLQNLTMSY SGLYQCTAGN EAGKESCVVR VTVQYVQSIG MVA.

