

32-13163: CLMP Human, SF9

Alternative Name : CXADR like membrane protein, ACAM, ASAM, CSBM, CSBS, Adipocyte adhesion molecule, Coxsackie- and adenovirus receptor-like membrane protein, CAR-like membrane protein.

Description

Source: Sf9, Baculovirus cells.

Sterile Filtered clear solution.

CXADR Like Membrane Protein or CLMP, part of the CTX family within the immunoglobulin superfamily, is a type 1 transmembrane peptide. CLMP is expressed in the placenta and small intestine, skeletal muscle, colon, lungs and heart. CLMP is located in junction complexes across endothelial and epithelial cells and can take part in cell adhesion. The protein has influence on development of obesity via adipocyte differentiation.

CLMP produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 226 amino acids (19-235a.a.) and having a molecular mass of 25.6kDa. (Molecular size on SDS-PAGE will appear at approximately 28-40kDa). CLMP is expressed with a 9 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

Product Info

Amount : 2 µg / 10 µg

Purification : Greater than 95.0% as determined by SDS-PAGE.

Content : CLMP protein solution (0.5mg/ml) contains phosphate buffered saline (pH7.4), 1mM DTT and 20%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 : ADPTHTEIKR VAEKVTLPCHHQLGLPEKDTLDIEWLLTD NEGNQKVVIT YSSRHVYNNL TEEQKGRVAF
ASNFLAGDAS LQIEPLKPSD EGRYTCKVKN SGRYVWSHVI LKVLVRPSKP KCELEGELTE GSDLTLQCES
SSGTEPIVYY WQRIREKEGE DERLPPKSRI DYNHPGRVLLQNLTMSYSGLYQCTAGNEAG KESCVVRVTV
QYVQSIGMVA HHHHHH.