

## 32-7381: Recombinant Human Adipocyte Adhesion Molecule/ASAM/CLMP/ACAM (C-6His)

**Gene :** CLMP  
**Gene ID :** 79827  
**Uniprot ID :** Q9H6B4

### Description

Source: Human Cells.  
MW :25.38kD.

Recombinant Human Adipocyte Adhesion Molecule is produced by our Mammalian expression system and the target gene encoding Thr19-Met233 is expressed with a 6His tag at the C-terminus. 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 cell-cell 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 N-linked glycosylation sites, and two immunoglobulin domains, one V-type and one C2-type.

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.2.  
**Storage condition :** Lyophilized protein should be stored at -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 -20°C for 3 months.  
**Amino Acid :** THTEIKRVAEEKVTLPCHHQLGLPEKDTLDIEWLLTDNEGNQKVVTYSSRHHVYNNLTTEEQKGRVAFASNFLAG  
DASLQIEPLKPSDEGRYTCKVKNSGRYVWSHVILKVLVRPSKPKCELEGELTEGSDLTLCESSTGTEPIVYYWQ  
RIREKEGEDERLPPKSRIDYNHPGRVLLQNLTMSSGLYQCTAGNEAGKESCVRVTVQYVQSIGMVDHHHHH  
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### Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH<sub>2</sub>O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.