



Recombinant Protein Technical Manual

Recombinant Human ASAM Protein (His Tag)

RPES3533

Product Data:

Product SKU: RPES3533

Size: 10µg

Species: Human

Expression host: Human Cells

Uniprot: NP_079045.1

Protein Information:

Molecular Mass: 25.4 kDa

AP Molecular Mass: 35 kDa

Tag: C-6His

Bio-activity:

Purity: > 95 % as determined by reducing SDS-PAGE.

Endotoxin: < 1.0 EU per µg as determined by the LAL method.

Storage: Lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Shipping: This product is provided as lyophilized powder which is shipped with ice packs.

Formulation: Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.2.

Reconstitution: Please refer to the printed manual for detailed information.

Application:

Synonyms: CXADR-Like Membrane Protein; Adipocyte Adhesion Molecule; Coxsackie- and Adenovirus Receptor-Like Membrane Protein; CAR-Like Membrane Protein; CLMP; ACAM; ASAM;CSBM;CSBS

Immunogen Information:

Sequence: Thr19-Met233

Background:

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.