

Recombinant Human ASAM Protein (His Tag)

Catalog Number:PKSH033402



Note: Centrifuge before opening to ensure complete recovery of vial contents.

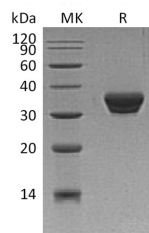
Description

| | |
|------------------------------------|---|
| Synonyms | CXADR-Like Membrane Protein;Adipocyte Adhesion Molecule;Coxsackie- and Adenovirus Receptor-Like Membrane Protein;CAR-Like Membrane Protein;CLMP;ACAM;ASAM;CSBM;CSBS |
| Species | Human |
| Expression Host | HEK293 Cells |
| Sequence | Thr19-Met233 |
| Accession | Q9H6B4 |
| Calculated Molecular Weight | 25.4 kDa |
| Observed molecular weight | 30-38 kDa |
| Tag | C-His |

Properties

| | |
|-----------------------|--|
| Purity | > 95 % as determined by reducing SDS-PAGE. |
| Endotoxin | < 1.0 EU per µg of the protein as determined by the LAL method. |
| Storage | Generally, 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. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed man |
| Reconstitution | Please refer to the printed manual for detailed information. |

Data



> 95 % as determined by reducing SDS-PAGE.

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.

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