Recombinant Human ASAM Protein (His Tag)

Catalog Number: PKSH033402

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

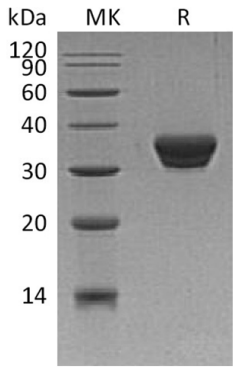
Description

Species	Human
Source	HEK293 Cells-derived Human ASAM protein Thr19-Met233, with an C-terminal His
Calculated MW	25.4 kDa
Observed MW	30-38 kDa
Accession	Q9H6B4
Bio-activity	Not validated for activity

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 ℃. Reconstituted protein solution can be stored at 4-8℃ for 2-7 days. Aliquots of reconstituted samples are stable at < -20℃ 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% Tween 80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
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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