

Recombinant Human CSAGE/CSAG1 Protein (Fc Tag)

Catalog Number:PKSH030995



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

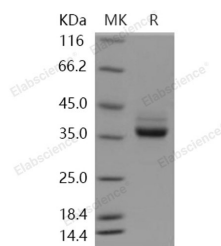
Description

Synonyms	CSAGE;CT24.1
Species	Human
Expression Host	HEK293 Cells
Sequence	Asp20-Pro78
Accession	AAH59947.1
Calculated Molecular Weight	35.2 kDa
Observed molecular weight	37 kDa
Tag	N-hFc

Properties

Purity	> 90 % 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 sterile PBS, pH 7.4 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 manual.
Reconstitution	Please refer to the printed manual for detailed information.

Data



> 90 % as determined by reducing SDS-PAGE.

Background

SIGLEC5 contains 2 Ig-like C2-type (immunoglobulin-like) domains and 1 Ig-like V-type (immunoglobulin-like) domain. It belongs to the immunoglobulin superfamily and SIGLEC (sialic acid binding Ig-like lectin) family. SIGLEC5 is expressed by monocytic/myeloid lineage cells. It is found at high levels in peripheral blood leukocytes, spleen, bone marrow and at lower levels in lymph node, lung, appendix, placenta, pancreas and thymus. It is also expressed by monocytes and neutrophils but absent from leukemic cell lines representing early stages of myelomonocytic differentiation. SIGLEC5 is a putative adhesion molecule that mediates sialic-acid dependent binding to cells. It binds equally to alpha-2,3-linked and alpha-2,6-linked sialic acid. The sialic acid recognition site may be masked by cis interactions with sialic acids on the same cell surface.

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