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## Datasheet for ABIN7317480 CSAG1 Protein (Fc Tag)

### Overview

Quantity:	100 µg
Target:	CSAG1
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CSAG1 protein is labelled with Fc Tag.

### Product Details

Purpose:	Recombinant Human CSAGE/CSAG1 Protein (Fc Tag)
Sequence:	Asp20-Pro78
Characteristics:	A DNA sequence encoding the human CSAG1 (AAH59947.1) (Asp20-Pro78) was fused with the Fc region of human IgG1 at the N-terminus.
Purity:	> 90 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg of the protein as determined by the LAL method.

### Target Details

Target:	CSAG1
Alternative Name:	CSAGE/CSAG1 ( <a href="#">CSAG1 Products</a> )
Background:	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

## Target Details

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.

Synonym: CSAGE,CT24.1

Molecular Weight:	35.2 kDa
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## Application Details

Restrictions:	For Research Use only
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## Handling

Format:	Lyophilized
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Reconstitution:	Please refer to the printed manual for detailed information.
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Buffer:	Lyophilized from sterile PBS, pH 7.4
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Storage:	4 °C, -20 °C, -80 °C
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Storage Comment:	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.
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