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Datasheet for ABIN7317567 CHST11 Protein (His tag)

Overview

Quantity:	100 µg
Target:	CHST11
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CHST11 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human CHST11/C4ST-1 Protein (His Tag)
Sequence:	Met36-Glu347
Characteristics:	A DNA sequence encoding the human CHST11 (Q9NPF2-2) (Met36-Glu347) was expressed with a C-terminal polyhistidine tag.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	CHST11
Alternative Name:	CHST11/C4ST-1 (CHST11 Products)
Background:	Background: CHST11, also known as C4ST-1, belongs to the sulfotransferase 2 family. CHST11 localizes to the golgi membrane, and catalyzes the transfer of sulfate to position 4 of the N-acetylgalactosamine (GalNAc) residue of chondroitin. Chondroitin sulfate constitutes the

Target Details

predominant proteoglycan present in cartilage, and is distributed on the surfaces of many cells and extracellular matrices. A chromosomal translocation involving CHST11 gene and IgH, t(12,14)(q23,q32), has been reported in a patient with B-cell chronic lymphocytic leukemia. Synonym: C4ST,C4ST-1,C4ST1,HSA269537

Molecular Weight: 38.4 kDa

Pathways: [Glycosaminoglycan Metabolic Process](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

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

Buffer: Lyophilized from sterile 20 mM Tris, 500 mM NaCl, 10 % glycerol, pH 7.4

Storage: 4 °C,-20 °C,-80 °C

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.