

**Recombinant Human CHST11 / C4ST-1 Protein (His tag)**

**Cat.NO.: TP06555**

3th Edition

**Synonyms:**C4ST;C4ST-1;C4ST1;HSA269537

**Description:**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 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.

**Form:**PBS

**Molecular Weight:**38.4 kDa

**Sequences:**Met36-Glu347

**Purity:**> 95% by HPLC

**Concentration:**

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.