

Recombinant Human CHST11 protein, GST-tagged

Cat. No. CHST11-301460H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CHST11 protein(37-120 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	37-120 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 100 mM reduced glutathione (GSH).
AASequence	LHPVMRRNPFGVDICCRKGSRSPLQELYNPIQLELSNTAVLHQMRRDQVTDTCRAN SATSRKRRVLT PNDLKHLVDEDEHELIY
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Dissolve the product in 200

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μl sterile water to achieve a working concentration of 0.25 g/μl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

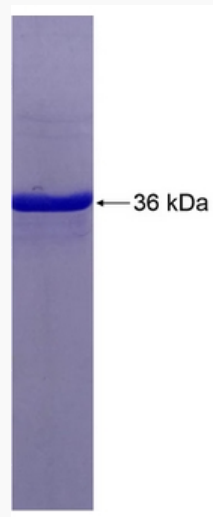
GENE INFORMATION

Gene Name	CHST11 carbohydrate (chondroitin 4) sulfotransferase 11 [Homo sapiens]
Official Symbol	CHST11
Synonyms	CHST11; carbohydrate (chondroitin 4) sulfotransferase 11; carbohydrate sulfotransferase 11; C4ST; C4St 1; C4ST1; HSA269537; C4S-1; IgH/CHST11 fusion; chondroitin 4-O-sulfotransferase 1; C4ST-1; FLJ41682; DKFZp667A035;
Gene ID	50515
mRNA Refseq	NM_001173982
Protein Refseq	NP_001167453
MIM	610128
UniProt ID	Q9NPF2

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SDS-PAGE

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