

Recombinant Human CHST13 cell lysate

Cat. No. CHST13-354HCL Lot. No. (See product label)

SPECIFICATION

Species	Human
Description	C4ST3 transfers sulfate to the C-4 hydroxyl of beta-1,4-linked GalNAc flanked by GlcUA residues in chondroitin (Kang et al., 2002 [PubMed 12080076]).
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	CHST13 carbohydrate (chondroitin 4) sulfotransferase 13 [Homo sapiens]
Official Symbol	CHST13
Synonyms	CHST13; carbohydrate (chondroitin 4) sulfotransferase 13; carbohydrate sulfotransferase 13; C4ST3; C4ST-3; chondroitin 4-sulfotransferase 3; chondroitin 4-O-sulfotransferase 3; MGC119278; MGC119279; MGC119281;
Gene ID	166012
mRNA Refseq	NM_152889

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Protein Refseq	NP_690849
MIM	610124
UniProt ID	Q8NET6
Chromosome Location	3q21.3
Pathway	Glycosaminoglycan biosynthesis - chondroitin sulfate, organism-specific biosystem; Glycosaminoglycan biosynthesis - chondroitin sulfate, conserved biosystem; Sulfur metabolism, organism-specific biosystem; Sulfur metabolism, conserved biosystem; chondroitin sulfate biosynthesis, organism-specific biosystem; chondroitin sulfate biosynthesis, conserved biosystem; chondroitin sulfate biosynthesis (late stages), organism-specific biosystem;
Function	N-acetylgalactosamine 4-O-sulfotransferase activity; chondroitin 4-sulfotransferase activity; sulfotransferase activity; transferase activity;

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