

Product datasheet for RC211234L3

CHST2 (NM_004267) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: CHST2 (NM 004267) Human Tagged Lenti ORF Clone

Tag: Myc-DDK
Symbol: CHST2

Synonyms: C6ST; glcNAc6ST-1; Gn6ST-1; GST-2; GST2; HEL-S-75

Mammalian Cell Puromycin

Selection:

Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092)

E. coli Selection: Chloramphenicol (34 ug/mL)

ORF Nucleotide The ORF insert of this clone is exactly the same as(RC211234).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





^{*} The last codon before the Stop codon of the ORF.



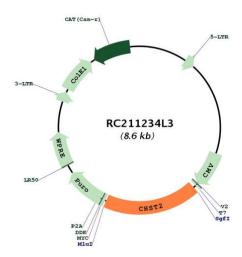
OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

CN: techsupport@origene.cn

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com



Plasmid Map:



ACCN: NM_004267 **ORF Size:** 1590 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of

reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing

variants is recommended prior to use. More info

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression

varies depending on the nature of the gene.

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube

containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method: 1. Centrifuge at 5,000xg for 5min.

2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.

3. Close the tube and incubate for 10 minutes at room temperature.

4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid

at the bottom.

5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of

shipping when stored at -20°C.

RefSeq: <u>NM 004267.4</u>

RefSeq Size: 4154 bp RefSeq ORF: 1593 bp



CHST2 (NM_004267) Human Tagged Lenti ORF Clone - RC211234L3

 Locus ID:
 9435

 UniProt ID:
 Q9Y4C5

 Cytogenetics:
 3q24

Domains:SulfotransferProtein Families:Transmembrane

Protein Pathways: Keratan sulfate biosynthesis, Metabolic pathways

MW: 57.9 kDa

Gene Summary: This locus encodes a sulfotransferase protein. The encoded enzyme catalyzes the sulfation of

a nonreducing N-acetylglucosamine residue, and may play a role in biosynthesis of 6-

sulfosialyl Lewis X antigen. [provided by RefSeq, Aug 2011]