

Product datasheet for **SC207496**

CHST8 (NM_001127895) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	CHST8 (NM_001127895) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	CHST8
Synonyms:	GalNAc4ST; GALNAC4ST1; PSS3
ACCN:	NM_001127895
Insert Size:	473 bp
Insert Sequence:	>SC207496 3'UTR clone of NM_001127895 The sequence shown below is from the reference sequence of NM_001127895. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site
Restriction Sites:	Sgfl-MluI
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	<u>NM_001127895.2</u>

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TATTCCAAGCCCTTTGCAGATCTGTACTGAGGGGCGCCGAGCTGGCCGGGGCCGCCCTGCCCCGGTCA
CTCACCTGTGCTCCCGGGCATCCTCCTGTCCCTGGCTCCTCATCTGGGAGCAACAGGGCTCTGAGGAC
GTGAGGAGCCATCGCTGTGGGAGGCAGCAGGCCCGGGTGGGGGGCAGAGCGCCAGCCTTGGATGGG
GACCCAGCCCTGGCCTGTACCTGTTTCTCATTCTTGGCTGAGGGAGAGGCTGAGAAGTGGGCAGA
CACCCCTGGAGCTCAGCCGACAGTTTTGATGAGCAGGGAAGTCTGAGGCCAGAGGACGGGGGGCCAG
CGGTAAGGGATGTCCCGCACTCCCTTAGCCATTGCCTTGGACAAACCACGTGGTTTGCAGCTTTTCTA
CGAGCCAGGGGGAGGTTCCCTTGGATTAAGGTTCCAAATAAAGCACATGGTTTCCAGA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCCTTCTATGAAAGG
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Summary: The protein encoded by this gene belongs to the sulfotransferase 2 family. It is predominantly expressed in the pituitary gland, and is localized to the golgi membrane. This protein catalyzes the transfer of sulfate to position 4 of non-reducing N-acetylgalactosamine (GalNAc) residues in both N-glycans and O-glycans. It is responsible for sulfation of GalNAc on luteinizing hormone (LH), which is required for production of the sex hormones. Mice lacking this enzyme, exhibit increased levels of circulating LH, and precocious sexual maturation of both male and female mice. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Aug 2011]

Locus ID: 64377

MW: 16.8