

Product datasheet for **MC205498**

Chst15 (NM_029935) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Chst15 (NM_029935) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Chst15
Synonyms:	4631426J05Rik; BRAG; GalNAcS-6ST; MAd5; mKIAA0598
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

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>BC031443
GGCTGGGCGCGCCTCCCGCGGAGTCGGAGCTGCAGAGGCTTCCGAGATCGTCTTGGGCTTTTCAGGTCA
CCTAGCATTGGTATGAATCTGCTCCTCAAGAAGAGAAAATATTCTGAAGGCATGTCCGTTTACCTGTCAA
CGAGGAACCCATAATGTCTTCTCATCTCCAGTGTGGCTCCATGCTCTCCTGATGCTACTCCAACCTTC
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AGAAACTCAGAAGTCAGCTTTTGGCAGTAGGCTCGTCTCTGACCTATTCTGCCATACACTTTGTTTA
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CCTTAGAATGTCTCAGAAACACATCTCAAACTAAGCTCGGGCCACATGTGGTGTCACTAGGAGATAG
CTTTGATTTTTATGAACCTTCCAGGCCTGCTAGCAGCTTGGTTCGCAAAGGATATGCTGAAAGTCTTGT
CATTTTAAAAAAAAAAAAAAAA
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Restriction Sites:

RsrII-NotI

ACCN:	NM_029935
Insert Size:	1686 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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:	<ol style="list-style-type: none">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:	BC031443 , AAH31443
RefSeq Size:	3381 bp
RefSeq ORF:	1686 bp
Locus ID:	77590
UniProt ID:	Q91XQ5
Cytogenetics:	7 F3
Gene Summary:	Sulfotransferase that transfers sulfate from 3'-phosphoadenosine 5'-phosphosulfate (PAPS) to the C-6 hydroxyl group of the GalNAc 4-sulfate residue of chondroitin sulfate A and forms chondroitin sulfate E containing GlcA-GalNAc(4,6-SO(4)) repeating units. It also transfers sulfate to a unique non-reducing terminal sequence, GalNAc(4SO4)-GlcA(2SO4)-GalNAc(6SO4), to yield a highly sulfated structure similar to the structure found in thrombomodulin chondroitin sulfate. May also act as a B-cell receptor involved in BCR ligation-mediated early activation that mediate regulatory signals key to B-cell development and/or regulation of B-cell-specific RAG expression; however such results are unclear in vivo (By similarity). [UniProtKB/Swiss-Prot Function]