

Product datasheet for **TP508889**

Chst15 (NM_029935) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse carbohydrate sulfotransferase 15 (Chst15), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR208889 protein sequence Red =Cloning site Green =Tags(s)
	MRHCINCCVQLFPEDTHKQQVACQGGPHSHQACPTCKGENKILFRVDSKQMNLLAVLEVRTEGNENWGG FLRFRKGRCSLVFGLIIMTLVMASYILSGAHQELLISSPFHYGGFSPNSPVMGDGENPSDVKEHHYQPSV NNISYVKDYPSIKLIIDSIAARIEFTTRQLPDLQDLKRQELHMFVPSKFLPTSKSPCWYEEFSGRNTT DPYLTNSYVLYSKRFRSTFDALRKVFWGHLSHVQGKHFRLRCLPHFYIIGQPKCGTTDLYDRLRLHPEVK FSAIKEPHWWTRKRFIVRLRDGLRDYRYPVEDYLDLFDLAAHQIHQGLQAASAEQPSKMNKIIIGEASAS TMWDNNAWTFYDNSTDGEPFILTQDFIHAFQPEAKLIVMLRDPVERLYSDYLYFASSNKSADDFHEKVT EALQLFENCMLDYSLRACVYNNTLNNAMPVRLQVGLYAVYLLDWLTVFSKEQFLILRLEDHASNVKYTMH KVFQFLNLGPLSEKQEALMTKSPASNTRRPEDRSLGPMWPITQKILREFYGFNTRLAQVLDDEAFWK T
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	65 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq: [NP_084211](#)

Locus ID: 77590

UniProt ID: [Q91XQ5](#)

RefSeq Size: 4265

Cytogenetics: 7 F3

RefSeq ORF: 1686

Synonyms: 4631426J05Rik; BRAG; GalNAcS-6ST; MAd5; mKIAA0598

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-SO₄) 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]