

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

Product datasheet for PH303793

CHST10 (NM_004854) Human Mass Spec Standard

Product data:

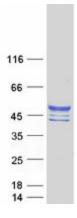
Product Type:	Mass Spec Standards
Description:	CHST10 MS Standard C13 and N15-labeled recombinant protein (NP_004845)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC203793
Predicted MW:	42.2 kDa
Protein Sequence:	>RC203793 protein sequence <mark>Red=</mark> Cloning site Green=Tags(s)
	MHHQWLLLAACFWVIFMFMVASKFITLTFKDPDVYSAKQEFLFLTTMPEVRKLPEEKHIPEELKPTGKEL PDSQLVQPLVYMERLELIRNVCRDDALKNLSHTPVSKFVLDRIFVCDKHKILFCQTPKVGNTQWKKVLIV LNGAFSSIEEIPENVVHDHEKNGLPRLSSFSDAEIQKRLKTYFKFFIVRDPFERLISAFKDKFVHNPRFE PWYRHEIAPGIIRKYRRNRTETRGIQFEDFVRYLGDPNHRWLDLQFGDHIIHWVTYVELCAPCEIMYSVI GHHETLEDDAPYILKEAGIDHLVSYPTIPPGITVYNRTKVEHYFLGISKRDIRRLYARFEGDFKLFGYQK PDFLLN
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP 004845</u>
RefSeq Size:	2872
RefSeq ORF:	1068
Synonyms:	HNK-1ST; HNK1ST
Locus ID:	9486



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	CHST10 (NM_004854) Human Mass Spec Standard – PH303793
UniProt ID:	<u>O43529</u>
Cytogenetics:	2q11.2
Summary:	This protein encoded by this gene transfers sulfate to the C-3 hydroxyl of terminal glucuronic acid of protein- and lipid-linked oligosaccharides. This protein was first identified as a sulfotransferase that acts on the human natural killer-1 (HNK-1) glycan; HNK-1 is a carbohydrate involved in neurodevelopment and synaptic plasticity.[provided by RefSeq, Feb 2011]
Protein Families	: Transmembrane

Product images:



Coomassie blue staining of purified CHST10 protein (Cat# [TP303793]). The protein was produced from HEK293T cells transfected with CHST10 cDNA clone (Cat# [RC203793]) using MegaTran 2.0 (Cat# [TT210002]).

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