

## Product datasheet for PH313418

### DTX2 (NM\_001102595) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	DTX2 MS Standard C13 and N15-labeled recombinant protein (NP_001096065)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC213418
Predicted MW:	67.3 kDa
Protein Sequence:	>RC213418 protein sequence Red=Cloning site Green=Tags(s)

MAMAPSPSLVQVYTPAAVAVWEWQDGLGTWHPYSATVCSFIEQQFVQKQQRFLGSLAHSIPLGQADP  
SLAPYIIDLPSWTQFRQDTGTMRAVRRHLFPQHSAPGRGVVWEWLSDDGSWTAYEASVCDYLEQQVARGN  
QLVDLAPLGYNYTVNYTHTQTNTKSSFCRSVRRQAGPPYPVTTIIAPPGHTGVACSCHQCLSGSRTGPV  
SGRYRHSMTNLPAYVPVQHPHRTASVFGTHQAFAPYNKPSLSGARSAPRLNTTNAWGAAPPSLGSQPLY  
RSSLSHLGPQHLPPGSSTSGAVSASLPSGSSSPGSVPATVPMQMPKPSRVQQALAGMTSVLMSAIGLPV  
CLSRAPQPTSPASRLASKSHGSKVRLRKMSVKEATPKPEPEPEQVIKNYTEELKVPPDEDICIICMEKLS  
TASGYSDVTDKAIGSLAVGHLTKCSHAFHLLCLLAMYCNGNKDGLQCPSCCTIYGEKGTQPQGMKMEV  
LRFQMSLPGHEDCGTILIVYSIPHGIQGPPEHPNPGKPFARGFPRQCYLPDNAQGRKVLLELLKVAWKRRLL  
IFTVGTSSTTGETDTVVWNEIHHKTEMDRNIIGHGYPDPNYLQNVLAELAAQGVTEDCLEQQ

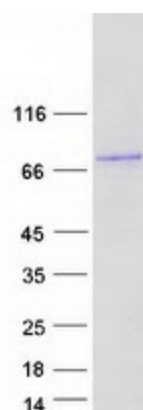
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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:	<a href="#">NP_001096065</a>
RefSeq Size:	2550
RefSeq ORF:	1866



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Synonyms:	RNF58
Locus ID:	113878
UniProt ID:	<a href="#">Q86UW9</a>
Cytogenetics:	7q11.23
Summary:	DTX2 functions as an E3 ubiquitin ligase (Takeyama et al., 2003 [PubMed 12670957]). [supplied by OMIM, Nov 2009]
Protein Families:	Druggable Genome
Protein Pathways:	Notch signaling pathway

**Product images:**

Coomassie blue staining of purified DTX2 protein (Cat# [TP313418]). The protein was produced from HEK293T cells transfected with DTX2 cDNA clone (Cat# [RC213418]) using MegaTran 2.0 (Cat# [TT210002]).