

## Product datasheet for **TP312997L**

### DTX2 (NM\_001102594) Human Recombinant Protein

#### Product data:

|                                       |   |
|---------------------------------------|---|
| Product Type:                         | Recombinant Proteins  |
| Description:                          | Purified recombinant protein of Homo sapiens deltex homolog 2 (Drosophila) (DTX2), transcript variant 2, 1 mg |
| Species:                              | Human   |
| Expression Host:                      | HEK293T   |
| Expression cDNA Clone or AA Sequence: | >RC212997 representing NM_001102594<br><b>Red</b> =Cloning site <b>Green</b> =Tags(s)                         |

MAMAPSPSLVQVYTSPA AVAVWEWQDGLGTWHPYSATVCSFIEQQFVQQKGQRFLGSLAHSIPLGQADP  
SLAPYIIDLPSWTQFRQDTGTMRAVRRHLFPQHSAPGRGVVWEWLSDDGSWTAYEASVCDYLEQQVARGN  
QLVDLAPLGYNYTVNYTHTQTNKTSSFCRSVRRQAGPPYPVTIIAPPGHTGVACSCHQCLSGSRTGPV  
SGRYRHSMTNLPAYPVPQHPPHRTASVFGTHQAFAPYKPSLSGARSAPRLNNTTNAWGAAPPSLGSQPLY  
RSSLSHLGPQHLPPGSSTSGAVSASLPSGPSSSPGVPATVPMQMPKPSRVQQALAGMTSVLMSAIGLPV  
CLSRAPQPTSPPASRLASKSHGSKRLRKM SVKGATPKPEPEPEQVIK NYTEELKVPPDEDICMEKLS  
TASGYSVDVTSKAIGSLAVGHLTKCSHAFHLLCLLAM YCNGNKDGS LQCPSCKTIYGEKTGTQPQGMKMEV  
LRFQMSLPGHEDCGTILIVYSIPHGIQGPEHPNPGKPF TARGFPRQCYLPD NAQGRK VLELLKVAWKRRLL  
IFTVGTSTTGETDTVWVNEIHHKTEMDRNITGHGYPDPNYLQNVLAELAAQGVTEDCLEQQ

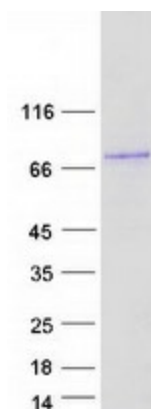
**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

|                |  |
|----------------|--|
| Tag:           | C-Myc/DDK  |
| Predicted MW:  | 67.1 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   |
| Preparation:   | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.                                     |
| 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.  |



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|                          |   |
|--------------------------|---|
| <b>Stability:</b>        | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| <b>RefSeq:</b>           | <a href="#">NP_001096064</a>  |
| <b>Locus ID:</b>         | 113878  |
| <b>UniProt ID:</b>       | <a href="#">Q86UW9</a>  |
| <b>RefSeq Size:</b>      | 2715  |
| <b>Cytogenetics:</b>     | 7q11.23   |
| <b>RefSeq ORF:</b>       | 1866  |
| <b>Synonyms:</b>         | RNF58   |
| <b>Summary:</b>          | DTX2 functions as an E3 ubiquitin ligase (Takeyama et al., 2003 [PubMed 12670957]).[supplied by OMIM, Nov 2009]                               |
| <b>Protein Families:</b> | Druggable Genome  |
| <b>Protein Pathways:</b> | Notch signaling pathway   |

**Product images:**

Coomassie blue staining of purified DTX2 protein (Cat# [TP312997]). The protein was produced from HEK293T cells transfected with DTX2 cDNA clone (Cat# [RC212997]) using MegaTran 2.0 (Cat# [TT210002]).