

## Product datasheet for **TP303380M**

### **DUS3L (NM\_020175) Human Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Recombinant protein of human dihydrouridine synthase 3-like ( <i>S. cerevisiae</i> ) (DUS3L), 100 µg
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>RC203380 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MAEGTAEAPLENGGGGDSGAGALERGVAPIKRQYLTTKEQFHQFLEAKGQEKTCRETEVGDPAAGNELAEP  
EAKRIRLEDGQTADGQTEAAEPGEQLQTQKRARGQNKGRPHVKPTNYDKNRLCPSLIQESAAKCFGGDR  
CRFLHDVGRYLETKPADLGPRCVLFETFGRCYPYGVTCRFAGAHLGPEGQNLVQEELAARGTQPPSIRNGL  
DKALQQQLRKREVRFERAEQALRRFSQGPTAAAVPEGTAAGAPRQENCGAQQVPAGPGTSTPPSSPVR  
TCGPLTDEDVRLRPCEKRLDIRGKLYLAPLTTGPNLPFRRICKRFGADVTCGEMAVCTNLLQGQMSSEW  
ALLKRHQCEDIFGVQLEGAFPDTMTKCAELLSRTVEVDFVDINVGCPIDLVIKGGGGCALMNRSTKFFQI  
VRGMNQVLDVPLTVKIRTGVQERVNLAHRLPELRDWGVALVTLHGSRQRYTKLADWQYIEECVQAAS  
PMPFLGNGDILSFEDANRAMQGTGVTGIMIARGALLKPWLFTEIKEQRHWDISSERLDILRDFNTYGLEH  
WGSDTQGVKTRRFLLEWLSFLCRYVPVGLLERLPQRINERPPYYLGRDYLETLMASQKAADWIRISEML  
LGPVPPSFAFLPKHKANAYK

**SGP**TRTRPLE**QKLISEEDLAANDILDYKDDDDK**V

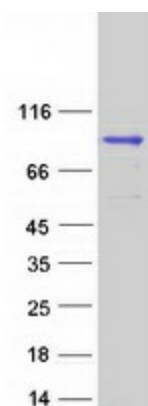
<b>Tag:</b>	C-Myc/DDK
<b>Predicted MW:</b>	72.4 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.



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Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_064560</u>
Locus ID:	56931
UniProt ID:	<u>Q96G46</u> , <u>B2RDV7</u>
RefSeq Size:	2127
Cytogenetics:	19p13.3
RefSeq ORF:	1950
Synonyms:	DUS3
Summary:	Catalyzes the synthesis of dihydrouridine, a modified base found in the D-loop of most tRNAs. [UniProtKB/Swiss-Prot Function]

### Product images:



Coomassie blue staining of purified DUS3L protein (Cat# [TP303380]). The protein was produced from HEK293T cells transfected with DUS3L cDNA clone (Cat# [RC203380]) using MegaTran 2.0 (Cat# [TT210002]).