

Product datasheet for **TP303380**

DUS3L (NM_020175) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human dihydrouridine synthase 3-like (<i>S. cerevisiae</i>) (DUS3L), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC203380 protein sequence Red=Cloning site Green=Tags(s)

MAEGTAEAPLENGGGGDSGAGALERGVAPIKRQYLTTKEQFHQFLEAKGQEKTCRETEVGDPAAGNELAEP
EAKRIRLEDGQTADGQTEAAEPGEQLQTQKRARGQNKGRPHVKPTNYDKNRLCPSLIQESAAKCFGGDR
CRFLHDVGRYLETKPADLGPRCVLFETFGRCYPYGVTCRFAGAHLGPEGQNLVQEELAARGTQPPSIRNGL
DKALQQQLRKREVRFERAEQALRRFSQGPTAAAVPEGTAEGAPRQENCGAQQVPAGPGTSTPPSSPVR
TCGPLTDEDVRLRPCEKKRLDIRGKLYLAPLTTGPNLPPFRICKRFGADVTCGEMAVCTNLLQGQMSW
ALLKRHQCEDIFGVQLEGAFPDTMTKCAELLSRTVEVDFVDINVGCPIDLVIKGGGKCALMNRSTKFFQI
VRGMNQVLDVPLTVKIRTGVQERVNLAHRLPELRDWGVALVTLHGSRQRYTKLADWQYIEECVQAAS
PMPFLFGNDILSFEDANRAMQGTGVTGIMIARGALLKPWLFTEIKEQRHWDISSERLDILRDFNTYGLEH
WGSDTQGVKTRRFLLEWLSFLCRYVPVGLLERLPQRINERPPYYLGRDYLETLMASQKAADWIRISEML
LGPVPPSFAFLPKHKANAYK

SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

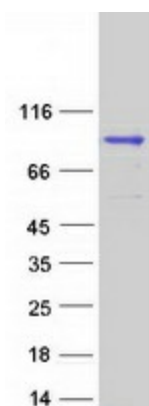
Tag:	C-Myc/DDK
Predicted MW:	72.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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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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:	NP_064560
Locus ID:	56931
UniProt ID:	Q96G46 , B2RDV7
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]).