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Product datasheet for TP301648

PUS3 (NM_031307) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human pseudouridylate synthase 3 (PUS3), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC201648 protein sequence Red=Cloning site Green=Tags(s) MADNDTDRNQTEKLLKRVRELEQEVQRLKKEQAKNKEDSNIRENSSGAGKTKRAFDFSAHGRRHVALRIA YMGWGYQGFASQENTNNTIEEKLFEALTKTRLVESRQTSNYHRCGRTDKGVSAFGQVISLDLRSQFPRGR DSEDFNVKEEANAAAEEIRYTHILNRVLPPDIRILAWAPVEPSFSARFSCLERTYRYFFPRADLDIVTMD YAAQKYVGTHDFRNLCKMDVANGVINFQRTILSAQVQLVGQSPGEGRWQEPFQLCQFEVTGQAFLYHQ VR CMMAILFLIGQGMEKPEIIDELLNIEKNPQKPQYSMAVEFPLVLYDCKFENVKWIYDQEAQEFNITHLQQ LWANHAVKTHMLYSMLQGLDTVPVPCGIGPKMDGMTEWGNVKPSVIKQTSAFVEGVKMRTYKPLMDR PKC QGLESRIQHFVRRGRIEHPHLFHEEETKAKRDCNDTLEEDNTNLETPTKRVCVDTEIKSII TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	55.4 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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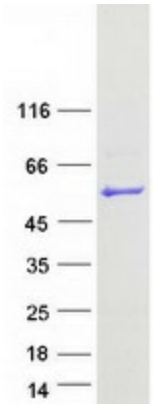
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_112597
Locus ID:	83480
UniProt ID:	Q9BZE2
RefSeq Size:	1862
Cytogenetics:	11q24.2
RefSeq ORF:	1443
Synonyms:	2610020J05Rik; FKSG32; MRT55; NEDMIGS
Summary:	The protein encoded by this gene catalyzes the formation of tRNA pseudouridine from tRNA uridine at position 39 in the anticodon stem and loop of transfer RNAs. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2012]

Product images:



Coomassie blue staining of purified PUS3 protein (Cat# TP301648). The protein was produced from HEK293T cells transfected with PUS3 cDNA clone (Cat# [RC201648]) using MegaTran 2.0 (Cat# [TT210002]).