

Product datasheet for PH301648

PUS3 (NM_031307) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	PUS3 MS Standard C13 and N15-labeled recombinant protein (NP_112597)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC201648
Predicted MW:	55.6 kDa
Protein Sequence:	>RC201648 protein sequence Red=Cloning site Green=Tags(s)
	MADNDTDRNQTEKLLKRVRELEQEVQRLKKEQAKNKEDSNIRENSSGAGTKRAFDFSAHGRRHVALRIA YMGWGYQGFASQENTNNTIEEKLFEALTKTRLVESRQTSNYHRCGRDTKGVSFAFGQVISLDLRSQFFPRGR DSEDFNVKEEANAEEEEIRYTHILNRLVLPDIRILAWAPVEPSFSARFSCLERTYRYFFPRADLDIVTMD YAAQKYVGTDFRNLCMDVANGVINFRQRTILSAQVQLVGQSPGEGRWQEPFQLCQFEVGTGQAFLYHQVR CMMAILFLIGQGMEKPEIIDE LLNIEKNPQKPQYSMAVEFPLVL YDCKFENVKWIYDQEAQEFNITHLQQ LWANHAVKTHMLYSMLQGLDTPVPVPCGIGPKMDGMTWGNVVKPSVIKQTSAFVEGVKMRTYKPLMDRPKC QGLESRIOHFVRRGRIEHPHLFHEEETKAKRDCNDTLEEDNTNLETPTKRVCVDTEIKSII
	TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
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- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-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:	NP_112597
RefSeq Size:	1862
RefSeq ORF:	1443
Synonyms:	2610020J05Rik; FKSG32; MRT55; NEDMIGS



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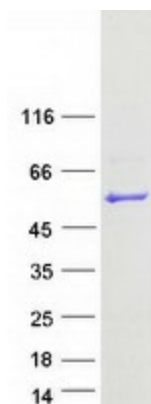
Locus ID: 83480

UniProt ID: [Q9BZE2](#)

Cytogenetics: 11q24.2

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]).