

Recombinant Human PUS7 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PUS7-5196H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PUS7 MS Standard C13 and N15-labeled recombinant protein (NP_061915) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	Belongs to the pseudouridine synthase TruD family.
Molecular Mass	75 kDa
AA Sequence	MEMTEMTGVSLKRGALVVEDNDSGVPEETKKQKLSECSLTKGQDGLQNDFLSISE DVPRPPDTVSTGKGGKNSEAQLEDEEEEEEDGLSECEEEEESESFADMMKHGLTE ADVGITKFVSSHQGFSGILKERYSDFFVHEIGKDGRISHLNDLSIPVDEEDPSEDIFTV LTAAEKQRLEELQLFKNKETSVAIEVIEDTKEKRTIIHQAIKSLFPGLCTEDREGKKY IVAYHAAGKKALANPRKHSWPKSRGSYCHFVLYKENKDTMDAINVLSKYLRVKPNIF SYMGTCKDKRAITVQEIAVLKITAQRLAHLNKCLMNFKLGNFSYQKNPLKLGELQGNH FTVVLNRNITGDDQVQQAMNSLKEIGFINYYGMQRFGTAVPTYQVGRAILQNSWTE VMDLILKPRSGAEKGYLVKCREEWAKTKDPTAALRKLPVKRCVEGQLLRGLSKYGM KNIVSAFGIIPRNNRLMYIHSYQSYVWNNMVSKRIEDYGLKPVPGDLVLKGATATYIE EDDVNNYSIHVVMPPLPGFDVIYPKHKIQEAYREMLTADNLDIDNMRHKIRDYSLSGA YRKIIIRPQNVSWEVVAYDDPKIPLFNTDVDNLEGKTPPVFASEGKYRALKMDFSLPP STYATMAIREVLKMDTSIKNQTQLNTTWLRTTRPLEQKLISEEDLAANDILDYKDDD

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	DKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

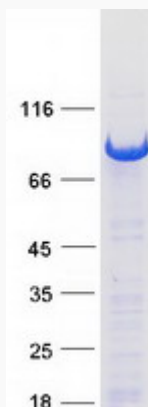
GENE INFORMATION

Gene Name	PUS7 pseudouridine synthase 7 [Homo sapiens (human)]
Official Symbol	PUS7
Synonyms	PUS7; pseudouridylate synthase 7 homolog (S. cerevisiae); pseudouridylate synthase 7 homolog; FLJ20485; KIAA1897; MGC17720;
Gene ID	54517
mRNA Refseq	NM_019042
Protein Refseq	NP_061915
MIM	616261
UniProt ID	Q96PZ0

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SDS-PAGE

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