

Product datasheet for PH309015

DUS1L (NM_022156) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	DUS1L MS Standard C13 and N15-labeled recombinant protein (NP_071439)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC209015
Predicted MW:	53.2 kDa
Protein Sequence:	>RC209015 protein sequence Red=Cloning site Green=Tags(s)

MPKLQGFEFWSRTLRGARHVVPAMDQSELAWRLLSRRHGAQLCYTPMLHAQVFVRDANYRKENLYCEVC
PEDRPLIVQFCANDPEVVFQAALLAQDYCDAIDLNLGCPQMIAKRGHYGAFLQDEWDLLQRMILLAHEKL
SVPVTCKIRVFPEDKTVRYAQMLEKAGCQLLTVHGRTKEQKGPLSGAASWEHIKAVRKAVAIPVFANGN
IQCLQDVERCLRDTGVQGVMSAEGNLHNPALFEGRSPAVWELAAEYLDIVREHPCPLSYVRAHLFKLWHH
TLQVHQELREELAKVKTLEGIAAVSQELKLRCEEISRQEGAKPTGDLPFHWICQPYIRPGPREGSKEKA
GARSKRALEEEEGGTEVLSKNKQKQLRNPHKTFDPSLKPKYAKCDQCGNPKGNRCVFSLCRGCKKCRAS
KETADCPGHLLFKTKLEKSLAWKEAQPELQEPQPAAPGTPGGFSEVMGSALA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

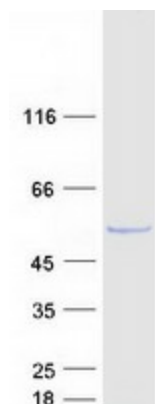
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	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:	<u>NP_071439</u>
RefSeq Size:	1904
RefSeq ORF:	1419
Synonyms:	DUS1; PP3111



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Locus ID: 64118
UniProt ID: [Q6P1R4](#)
Cytogenetics: 17q25.3
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 DUS1L protein (Cat# [TP309015]). The protein was produced from HEK293T cells transfected with DUS1L cDNA clone (Cat# [RC209015]) using MegaTran 2.0 (Cat# [TT210002]).