

Recombinant Human DUS1L Protein, MYC/DDK-tagged, C13 and N15-labeled

Cat. No. DUS1L-221H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	DUS1L MS Standard C13 and N15-labeled recombinant protein (NP_071439) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	Catalyzes the synthesis of dihydrouridine, a modified base found in the D-loop of most tRNAs.
Molecular Mass	53.2 kDa
AA Sequence	MPKLQGFEFWSRTLGRARHVVAPMVDQSELAWRLLSRRHGAQLCYTPMLHAQVF VRDANYRKENLYCEVCPEDRPLIVQFCANDPEVVFVQAALLAQDYCDAIDLNLGCPQ MIAKRGHYGAFLQDEWDLLQRMILLAHEKLSVPVTCKIRVFPEIDKTVRYAQMLEKA GCQLLTVHGRTKEQKGPLSGAASWEHIKAVRKAVAIPVFANGNIQCLQDVERCLRD TGVQGVMSAEGNLHNPALFEGRSPAVWELAEELYDIVREHPCPLSYVRAHLFKLWH HTLQVHQELREELAKVKTLEGIAAVSQELKLRCEEISRQEGAKPTGDLPFHWICQP YIRPGPREGSKEKAGARSKRALEEEEGGTEVLSKNKQKKQLRNPHKTFDPSLKPKY AKCDQCGNPKGNRCVFSLCRGCKKRASKETADCPGHGLLFKTKLEKSLAWKEAQ PELQEPQPAAPGTPGGFSEVMGSALATRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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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.

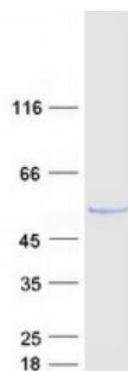
GENE INFORMATION

Gene Name	DUS1L dihydrouridine synthase 1-like (<i>S. cerevisiae</i>) [<i>Homo sapiens</i> (human)]
Official Symbol	DUS1L
Synonyms	DUS1L; dihydrouridine synthase 1-like (<i>S. cerevisiae</i>); tRNA-dihydrouridine(16/17) synthase [NAD(P)(+)]-like; DUS1; PP3111;
Gene ID	64118
mRNA Refseq	NM_022156
Protein Refseq	NP_071439
UniProt ID	Q6P1R4

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SDS-PAGE

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