Recombinant Human DUS2 Protein, MYC/DDK-tagged

Cat. No. DUS2-2711H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human DUS2 protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	This gene encodes a cytoplasmic protein that catalyzes the conversion of uridine residues to dihydrouridine in the D-loop of tRNA. The resulting modified bases confer enhanced regional flexibility to tRNA. The encoded protein may increase the rate of translation by inhibiting an interferon-induced protein kinase. This gene has been implicated in pulmonary carcinogenesis. Alternatively spliced transcript variants have been described for this gene
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	54.9 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	DUS2 dihydrouridine synthase 2 [Homo sapiens]

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Official Symbol	DUS2
Synonyms	DUS2L; SMM1; URLC8
Gene ID	54920
mRNA Refseq	NM_017803.4
Protein Refseq	NP_060273
MIM	609707

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