

Recombinant Mouse Dus2 Protein, Myc/DDK-tagged

Cat. No. Dus2-2679M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length dihydrouridine synthase 2 (Dus2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Dihydrouridine synthase. Catalyzes the NADPH-dependent synthesis of dihydrouridine, a modified base found in the D-loop of most tRNAs. Negatively regulates the activation of EIF2AK2/PKR.
Molecular Mass	55.3 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Gene Name	Dus2 dihydrouridine synthase 2 [Mus musculus (house mouse)]
Official Symbol	Dus2
Synonyms	Dus2; dihydrouridine synthase 2; Dus; Dus2l; 2310016K04Rik; tRNA-dihyrouridine(20) synthase [NAD(P)+]-like; EC 1.3.1.91
Gene ID	66369
mRNA Refseq	NM_025518
Protein Refseq	NP_079794
UniProt ID	Q9D7B1

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