

Product datasheet for **TP517270**

Dus2 (NM_025518) Mouse Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Purified recombinant protein of Mouse dihydrouridine synthase 2 (Dus2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

Species: Mouse

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >MR217270 protein sequence
Red=Cloning site **Green**=Tags(s)

MIVNSLSLCYHNKLILAPMVRVGTLPMRLALDYGADIVYCEELIDLKMLQCKRVVNEVLSTVDFVAPDD
RVVVRTCEREQSRVVFQMGTSDAERALAVARLVENDVAGIDVNMGCPKEYSTKGGMGAALLSDPKIEKI
LSTLVKGTTHRPVTCKIRILPSLEDTLNLVKRIERTGISAIAVHGRNRDERPQHPVSCEVIRAI AETLSIP
VIANGGSHDHIQQHVDIEDFRQATAASSVMVARAAMWNPSIFLKDGLRPLEEVMQKYIRYAVQYDNHYTN
TKYCLCQMLREQLSPQGRLHAAQSSQEICEAFGLGAFYEETIRELDARRADLLAKTPEAVEEPAEDTS
GIIKMAIRFDRRAYPPQITPKMCLLEWCRREKLPQPVYETVQRTIDRMFCSVVTVAEQKYQSTLWDKSKK
LAEQTA AIVCLRSQGLPEGRLGEESPSLNKRKREAPDQDPGGPRVQEPALPGEICKKPFVTLDSSEENLL
EGC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-MYC/DDK

Predicted MW: 55.3 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C after receiving vials.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_079794](#)



[View online »](#)

Locus ID: 66369

UniProt ID: [Q9D7B1](#), [Q14A90](#)

RefSeq Size: 1910

Cytogenetics: 8 D3

RefSeq ORF: 1482

Synonyms: 2310016K04Rik; Dus2l

Summary: 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.[UniProtKB/Swiss-Prot Function]