

Recombinant Human DUS2L Protein, GST-tagged

Cat. No. DUS2L-4258H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human FLJ20399 full-length ORF (AAH06527, 1 a.a. - 493 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	Dihydrouridine synthase catalyzes reduction of the 5,6-double bond of a uridine residue on the displacement loop of tRNA. The resultant modified base, 5,6-dihydrouridine, appears to increase the conformational flexibility and dynamic motion of tRNA (Kato et al., 2005 [PubMed 15994936]).[supplied by OMIM]
Molecular Mass	79.97 kDa
AA Sequence	MILNSLSLCYHNKLILAPMVRVGTLP MRLALDYGADIVYCEELIDLKMIQCKRVVNEV LSTVDFVAPDDR VVFRTCEREQNRVVFQMGTSDAERALAVARLVENDVAGIDVNM GCPKQYSTKGGMGAALLSDPDKIEKILSTLVKGTRRPVTCKIRILPSLEDTSLSVKRIE RTGIAAIAVHGRKREERPQHPVSCEVIKAIADTSLIPVIANGGSHDHIQQYSDIEDFRQ ATAASSVMVARAAMWNPSIFLKEGLRPLEEVMQKYIRYAVQYDNHYTNTKYCLCQM LREQLESPQGRLHAAQSSREICEAFGLGAFYEETTQELDAQQARLSAKTSEQTGE PAEDTSGVIKMAVKFDRRAYPAQITPKMCLLEWCRREKLAQPVYETVQRPLDRLFS SIVTVAEQKYQSTLWDKSKKLAEQAAAIVCLRSQGLPEGRLGEESPSLHKRKREAPD QDPGGPRAQELAQPGDLCKKPFVALGSGEESPLEGW
Applications	Enzyme-linked Immunoabsorbent Assay

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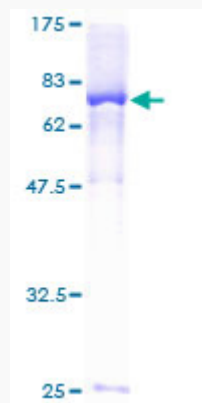
	Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	DUS2L dihydrouridine synthase 2-like, SMM1 homolog (<i>S. cerevisiae</i>) [<i>Homo sapiens</i>]
Official Symbol	DUS2L
Synonyms	DUS2L; dihydrouridine synthase 2-like, SMM1 homolog (<i>S. cerevisiae</i>); dihydrouridine synthase 2 like (SMM1, <i>S. cerevisiae</i>); tRNA-dihydrouridine(20) synthase [NAD(P)+]-like; DUS2; FLJ20399; SMM1; hDUS2; up-regulated in lung cancer 8; up-regulated in lung cancer protein 8; URLC8;
Gene ID	54920
mRNA Refseq	NM_017803
Protein Refseq	NP_060273
MIM	609707
UniProt ID	Q9NX74

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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