

Recombinant Mouse Qars Protein, Myc/DDK-tagged

Cat. No. Qars-5277M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length glutaminyl-tRNA synthetase (Qars), transcript variant 2, with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Glutamine--tRNA ligase. Plays a critical role in brain development.
Molecular Mass	68.8 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

Gene Name	Qars glutaminyl-tRNA synthetase [Mus musculus (house mouse)]
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Official Symbol	Qars
Synonyms	QARS; glutaminyl-tRNA synthetase; glutamine-tRNA ligase; GLNRS; C80286; 1110018N24Rik; 1200016L19Rik; MGC105238
Gene ID	97541
mRNA Refseq	NM_001168270
UniProt ID	Q8BML9

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