

Recombinant Human DARS Protein (Gly363-Pro501), His tagged

Cat. No. DARS-1920H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human DARS (Gly363-Pro501) fused with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Gly363-Pro501
Description	Catalyzes the specific attachment of an amino acid to its cognate tRNA in a 2 step reaction: the amino acid (AA) is first activated by ATP to form AA-AMP and then transferred to the acceptor end of the tRNA.
Form	Lyophilized powder/frozen liquid
Molecular Mass	17.31 kDa
Purity	>90% as determined by SDS-PAGE
Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.

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Storage Buffer	Supplied as solution form in PBS, pH 7.5 or lyophilized from PBS, pH 7.5.
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	They are shipped out with dry ice/blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name	DARS aspartyl-tRNA synthetase [Homo sapiens (human)]
Official Symbol	DARS
Synonyms	DARS; aspartyl-tRNA synthetase; aspartate--tRNA ligase, cytoplasmic; aspartate tRNA ligase 1; cytoplasmic; aspRS; aspartate tRNA ligase 1, cytoplasmic; aspartyl-tRNA synthetase, cytoplasmic; cell proliferation-inducing protein 40; cell proliferation-inducing gene 40 protein; MGC111579; DKFZp781B11202;
Gene ID	1615
mRNA Refseq	NM_001349
Protein Refseq	NP_001340
MIM	603084
UniProt ID	P14868

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