

Recombinant Human DARS protein, His-tagged

Cat. No. DARS-564H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human DARS protein(P14868) (Met1-Pro501) was expressed in E.coli with a polyhistide tag at the N-terminus.
Species	Human
Source	E.coli
ProteinLength	1-501 aa
Form	Lyophilized from sterile 50mM Tris, 100mM NaCl, 10% glycerol, pH 8.0.
Molecular Mass	The recombinant human DARS consists of 516 amino acids and predicts a molecular mass of 59 KDa. It migrates as an approximately 47 KDa band in SDS-PAGE under reducing conditions.
Purity	> 90 % as determined by SDS-PAGE.
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

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Gene Name	DARS aspartyl-tRNA synthetase [Homo sapiens]
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
SDS-PAGE	