

Product datasheet for TP517423

Dars (NM_145507) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse aspartyl-tRNA synthetase (Dars), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR217423 representing NM_145507 Red =Cloning site Green =Tags(s) MPSTNASRKGQEKPREIVDAAEDYAKERYGISSMIQSQEKPDRVLRVKDLTVQKADDVWVVRARVHTSR AKDWEPTDRLFFLFFNY TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	10.7 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_663482
Locus ID:	226414
UniProt ID:	Q8BJY7
RefSeq Size:	702
Cytogenetics:	1 E3
RefSeq ORF:	261



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Synonyms: 5730439G15Rik

Summary: 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.[UniProtKB/Swiss-Prot Function]