

## Product datasheet for **TP507399**

### Ndufs2 (NM\_153064) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse NADH:ubiquinone oxidoreductase core subunit S2 (Ndufs2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA	>MR207399 representing NM_153064
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MAALRALRCLRGVGPVLRPGSGIRLPSQPSRGARQWQPDI EWAEQFSGAVMYPKETAHWKPPPWNVDV  
ILKEKAVTNMTLNFQHPAAHGVRLVLELSGEMVRKCDPHIGLLHRGTEKLIYKTYLQALPYFDRLD  
YVSMCNEQAYSIAVEKLLNIQPPRAQWIRVLFGEITRILNHIMAVTTHALDIGAMTPFFWMFEEREKM  
FEFYERVSGARMHAAYIRPGGVHQLDPLGLLDDIYEFKSNFSLRIDEVEMLTNNRIWRNRTVDIGVTA  
EDALNYGFGVMLRGSGIQWDLRKTQPYDVYDQVEFDVPIGSRGDCYDRYLCRVEEMRQSLRIIEQCLNK  
MPPGEIKVDDAKVSPPKRAEMKTSMESLIHHFKLYTEGYQVPPGATYTAIEAPKGEFGVYLVSDGSSRPY  
RCKIKAPGFAHLAAGLDKMSKGHMLADVVAIIGTQDIVFGEIDR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	52.6 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:	<a href="#">NP_694704</a>
Locus ID:	226646



[View online >](#)

UniProt ID: [Q91WD5](#)

RefSeq Size: 1623

Cytogenetics: 1 H3

RefSeq ORF: 1389

Synonyms: CI-49kD

**Summary:** Core subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I) that is believed to belong to the minimal assembly required for catalysis. Complex I functions in the transfer of electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone.[UniProtKB/Swiss-Prot Function]