

## Product datasheet for TP508182

### DId (NM\_007861) Mouse Recombinant Protein

#### Product data:

|                                       |   |
|---------------------------------------|---|
| Product Type:                         | Recombinant Proteins  |
| Description:                          | Purified recombinant protein of Mouse dihydrolipoamide dehydrogenase (DId), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug |
| Species:                              | Mouse   |
| Expression Host:                      | HEK293T   |
| Expression cDNA Clone or AA Sequence: | >MR208182 protein sequence<br>Red=Cloning site Green=Tags(s)  |

MQSWSRVYRSLAKKGHFNRIHSHGLQGVSSVPLRITYADQPIEADVTVIGSGPGGYVAAIKSAQLGFKTVCI  
EKNETLGGTCLNVGCIPSKALLNNSHYHMAHGKDFASRGIEIPEVRLNLEKMMMEQKHSVAVKALTGGIAH  
LFKQNKVVHVNGFGKITGKNQVTATKADGSTQVIDTKNILVATGSEVTPFPGITIDEDTIVSSTGALSJK  
KVPEKLVVIGAGVIGVELGSVWQRLGADVTAVEFLGHVGGIGIDMEISKNFQRLRQGFKFKLNTKVTG  
ATKKSDBGKIDVSVEAASGGKAEVITCDVLLVCIGRRPFTQNLGLEELGIELDPKGRIPVNNRFTKIPNI  
YAIGDVVAGPMLAHKAEDGEIICVEGMAGGAVHIDYNCVPSVIYTHPEVAWVGKSEEQLKEEGIEFKIGK  
FPFAANSRAKTNADTDGMVKILGHKSTDRVLGAHILGPGAGEMVNEAALALEYGASCEDIARVCHAHTL  
SEAFREANLAAAFGKPIFN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

|                |  |
|----------------|--|
| Tag:           | C-MYC/DDK  |
| Predicted MW:  | 54.3 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_031887</a>  |

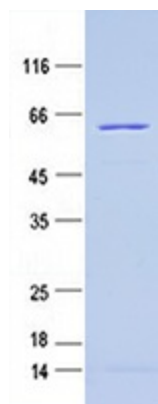


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Locus ID: 13382  
UniProt ID: [O08749](#)  
RefSeq Size: 2291  
Cytogenetics: 12 13.43 cM  
RefSeq ORF: 1530

**Summary:** This gene encodes a member of the class-I pyridine nucleotide-disulfide oxidoreductase family. The encoded protein has been identified as a moonlighting protein based on its ability to perform mechanistically distinct functions. In homodimeric form, the encoded protein functions as a dehydrogenase and is found in several multi-enzyme complexes that regulate energy metabolism. However, as a monomer, this protein can function as a protease. [provided by RefSeq, Jan 2014]

### Product images:



Purified recombinant protein Dld was analyzed by SDS-PAGE gel and Coomassie Blue Staining.