

Product datasheet for TP507920

Fdxr (NM_007997) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse ferredoxin reductase (Fdxr), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR207920 protein sequence Red =Cloning site Green =Tags(s)

MAPRCWHWWRWSAWSGLRPSRSTPTPGFCQKFSTQEKTQPICVVGSGPAGFYTAQHLLKHHTHAHVDI
YEKQLVPFGLVRFVAPDHPEVKNVINTFTQTARSDRCAFRGNVWVGRDVSPELREAYHAVVLSYGAED
HQPLGIPGEELSGVVSARAFVWYNGLPESQELAPDLSCDTAVILGQGNVALDVARILLTPPEHLEKTDI
TEAALGALRQSRVKTWVIVGRRGPLQVAFTIKELREMIQLPGTRPILDPSDFLGLQDRIKDVPRPRRRLT
ELLRTATEKPGVEEAARQALASRAWGLRFFRSPQQVLPDGPQVAGIRLAVTSLEGVGESTRAVPTGD
VEDLPCGLLLSSVGYKSRPIDPSVPFDPKLGIIIPNTEGRVVNVPGLYCSGWVKRGPTGVITTTMTDSFLT
SQALLEDLKAGLLPSGPRPGYVAIQALLSNRGVPRVPSFSDWEKLDAAEEVSRGQGTGKPREKLVDREMLR
LLGH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	54.2 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_032023



[View online »](#)

Locus ID: 14149

UniProt ID: [Q61578](#)

RefSeq Size: 1866

Cytogenetics: 11 E2

RefSeq ORF: 1485

Synonyms: AR

Summary: Serves as the first electron transfer protein in all the mitochondrial P450 systems including cholesterol side chain cleavage in all steroidogenic tissues, steroid 11-beta hydroxylation in the adrenal cortex, 25-OH-vitamin D3-24 hydroxylation in the kidney, and sterol C-27 hydroxylation in the liver.[UniProtKB/Swiss-Prot Function]