

## Product datasheet for **TP309470**

### FDX2 (NM\_001031734) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human ferredoxin 1-like (FDX1L), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA	>RC209470 protein sequence
Clone or AA	Red=Cloning site Green=Tags(s)
Sequence:	<p>MAASMARGGV SARVLLQAARGTWWNRPGGTSGSGEGVALGTTTRKFQATGSRPAGEEDAGGPERPGDVNV            VFVDRSGQRIPVSGRVGDNVLHLAQRHGV DLEGACEASLACSTCHVYVSEDHLDLLPPPEEREDDMLDMA            PLLQENSRLGCQIVLTPELEGAFTLPKITRNFYVDGHVPKPH</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Predicted MW:	19.3 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
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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.
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:	<u>NP_001026904</u>
Locus ID:	112812
UniProt ID:	<u>Q6P4F2</u>
RefSeq Size:	864


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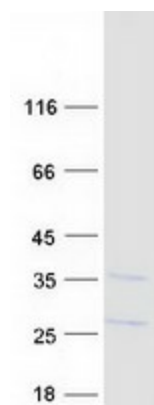
**Cytogenetics:** 19p13.2

**RefSeq ORF:** 549

**Synonyms:** FDX1L; MEOAL

**Summary:** This gene encodes a member of the ferredoxin family. The encoded protein contains a 2Fe-2S ferredoxin-type domain and is essential for heme A and Fe/S protein biosynthesis. Mutation in FDX1L gene is associated with mitochondrial muscle myopathy. [provided by RefSeq, Sep 2014]

## Product images:



Coomassie blue staining of purified FDX2 protein (Cat# TP309470). The protein was produced from HEK293T cells transfected with FDX2 cDNA clone (Cat# [RC209470]) using MegaTran 2.0 (Cat# [TT210002]).