

Product datasheet for PH309470

FDX2 (NM_001031734) Human Mass Spec Standard

Product data:

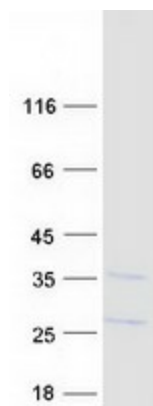
Product Type:	Mass Spec Standards
Description:	FDX1L MS Standard C13 and N15-labeled recombinant protein (NP_001026904)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC209470
Predicted MW:	19.5 kDa
Protein Sequence:	>RC209470 protein sequence Red=Cloning site Green=Tags(s) MAASMARGGV SARVLLQAARGTWWNRPGGTSGSGEGVALGTTTRKFQATGSRPAGEEDAGGPERPGDVVNV VFVDRSGQRIPVSGRVDNVLHLAQRHGV DLEGACEASLACSTCHVYVSEDHLDLLPPPEEREDDMLDMA PLLQENSRLGCQIVLTPELEGAFTLPKITRNFYVDGHVPKPH TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_001026904
RefSeq Size:	864
RefSeq ORF:	549
Synonyms:	FDX1L; MEOAL
Locus ID:	112812
UniProt ID:	Q6P4F2


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Cytogenetics: 19p13.2

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]).