

Product datasheet for PH303137

PFDN4 (NM_002623) Human Mass Spec Standard

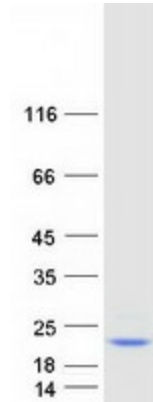
Product data:

Product Type:	Mass Spec Standards
Description:	PFDN4 MS Standard C13 and N15-labeled recombinant protein (NP_002614)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC203137
Predicted MW:	15.3 kDa
Protein Sequence:	<p>>RC203137 protein sequence</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MAATMKKAAAEDVNVTFEDQQKINKFARNTSRITELKEEIEVKKKQLQNLEDACDDIMLADDDCLMIPYQ IGDVFISHSQEETQEMLEEAKKNLQEEIDALESRVESIQRVLADLVQYAKFGSNINLEADES</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
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- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-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_002614
RefSeq Size:	1383
RefSeq ORF:	402
Synonyms:	C1; PFD4
Locus ID:	5203
UniProt ID:	Q9NQP4
Cytogenetics:	20q13.2


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Summary:

This gene encodes a member of the prefoldin beta subunit family. The encoded protein is one of six subunits of prefoldin, a molecular chaperone complex that binds and stabilizes newly synthesized polypeptides, thereby allowing them to fold correctly. The complex, consisting of two alpha and four beta subunits, forms a double beta barrel assembly with six protruding coiled-coils. [provided by RefSeq, Jul 2008]

Product images:


Coomassie blue staining of purified PFDN4 protein (Cat# [TP303137]). The protein was produced from HEK293T cells transfected with PFDN4 cDNA clone (Cat# [RC203137]) using MegaTran 2.0 (Cat# [TT210002]).