Product datasheet for PH303964

PLEKHF2 (NM_024613) Human Mass Spec Standard

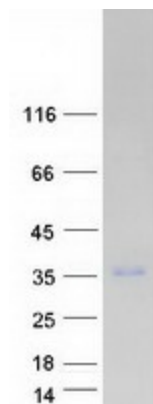## Product data:

Product Type:	Mass Spec Standards
Description:	PLEKHF2 MS Standard C13 and N15-labeled recombinant protein (NP_078889)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC203964
Predicted MW:	27.8 kDa
Protein Sequence:	>RC203964 protein sequence Red=Cloning site Green=Tags(s) MVDRLANSEANTRRISIVENCFGAAGQPLTIPGRVLIGEGVLTKLCRKKPKARQFFLFNDILVYGNIVIQ KKKYNKQHIIPLENVTIDSIKDEGDLRNGWLIKTPTKSFAVYAATATEKSEWMNHINKCVTDLLSKSGKT PSNEHAAVWVPDSEATVCMRCQKAKFTPVNRRHHCRKCGFVVCGPCSEKRFLLPSQSSKPVRICDFCYDL LSAGDMATCQPARSDSYSQSLKSPLNDMSDDDDDDDSSD 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- 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_078889
RefSeq Size:	2977
RefSeq ORF:	747
Synonyms:	EAPF; PHAFIN2; ZFYVE18
Locus ID:	79666
UniProt ID:	Q9H8W4

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Cytogenetics:	8q22.1
Summary:	May play a role in early endosome fusion upstream of RAB5, hence regulating receptor trafficking and fluid-phase transport. Enhances cellular sensitivity to TNF-induced apoptosis (PubMed:18288467).[UniProtKB/Swiss-Prot Function]

Product images:

Coomassie blue staining of purified PLEKHF2 protein (Cat# [TP303964]). The protein was produced from HEK293T cells transfected with PLEKHF2 cDNA clone (Cat# [RC203964]) using MegaTran 2.0 (Cat# [TT210002]).