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Product datasheet for PH301022

NSFL1C (NM_016143) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	NSFL1C MS Standard C13 and N15-labeled recombinant protein (NP_057227)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC201022
Predicted MW:	40.6 kDa
Protein Sequence:	>RC201022 protein sequence Red=Cloning site Green=Tags(s) MAAERQEALREFVAVTGAEEDRARFFLESAGWDLQIALASFYEDGGDEDIVTISQATPSSVSRGTAPSDN RVTSFRDLIHDQDEDEEEEEGQRFYAGGSERSGQQIVGPPRKKSPNELVDDLFKGAKEHGAVAVERVTKS PGETSKPRPFAGGGYRLGAAPEEESAYVAGEKRQHSSQDVHVVLKLWKSGFSLDNGELRSYQDPSNAQFL ESIRRGEVPAELRRLAHGGQVNLDMEDHRDEDFVKPKGAFKAFTGEGQKLGSTAPQVLSTSSPAQQAENE AKASSSILIDESEPTTNIQIRLADGGRLVQKFNHSHRISDIRLFIVDARPAMAATSFILMTTFPNKELAD ESQTLKEANLLNAVIVQRLT 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_057227
RefSeq Size:	3568
RefSeq ORF:	1110
Synonyms:	dJ776F14.1; P47; UBX1; UBXD10; UBXN2C
Locus ID:	55968

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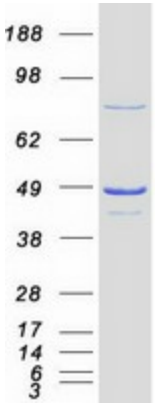
UniProt ID: Q9UNZ2, Q53FE8

Cytogenetics: 20p13

Summary: N-ethylmaleimide-sensitive factor (NSF) and valosin-containing protein (p97) are two ATPases known to be involved in transport vesicle/target membrane fusion and fusions between membrane compartments. A trimer of the protein encoded by this gene binds a hexamer of cytosolic p97 and is required for p97-mediated regrowth of Golgi cisternae from mitotic Golgi fragments. Alternative splicing results in multiple transcript variants. A related pseudogene has been identified on chromosome 8. [provided by RefSeq, May 2011]

Product images:



Coomassie blue staining of purified NSFL1C protein (Cat# [TP301022]). The protein was produced from HEK293T cells transfected with NSFL1C cDNA clone (Cat# [RC201022]) using MegaTran 2.0 (Cat# [TT210002]).