

Product datasheet for PH312848

C14orf104 (DNAAF2) (NM_018139) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	C14orf104 MS Standard C13 and N15-labeled recombinant protein (NP_060609)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC212848
Predicted MW:	91.1 kDa
Protein Sequence:	>RC212848 representing NM_018139 Red=Cloning site Green=Tags(s)

MAKAAASSLEDL DL SGEEVQRLTSAFQDPEFRMF SQYAEELTDPENRRRYEAEITALERERGVEVRFV
HPEPGHVLRTSLDGARRCFVNVCSNALVGPASSRPGSGDRGAAPGSHWSPYSLAPGREYAGRSSRYM
VYDVVFHPDALALARRHEGFRQMLDATALEAVEKQFGVKLDRRNAKTLKAKYKGTPEAAVLRTPLPGVIP
ARPDGEPKGPLDFPYPYQYPAAPGPRAPSPPEAALQPAPTEPRYSVVQRHHVDLQDYRCSRDSAPSPVP
HELVTIELPLLSAEQAALVTRKLLCLDSRKP DYRLRLSLPYPVDDGRGKAQFNKARRQLVVTLPVVL
PAARREPAVAVAAAAPEESADRS GTDGGQACASAREGEAGPARSRAEDGGHDTCVAGAAGSGVTTLGDPEV
APPPAAAGEERVPKPGEQDL SRHAGSPPGSVEEPSGGENSPGGGGSPCLSSRSLAWGSSAGRESARGDS
SVETREESEGTGGQRSACAMGGPGTKSGEPLCPPLL CNQDKETL TLLIQVPRIQPQSLQGD LNPLWYKLR
FSAQDLVYSFFLQFAPENKLS TTEPVISISSNNAVIELAKSPESHGHWREWYGVNND SLEERLFVNEEN
VNEFLEEVLSSPFKQSMSTPPLIEVLQVTDNKIQINAKLQECSNSDQLQGKEERVNEESH LTEKEYIEH
CNTPTTDSDDSSIAVKALQIDSFGLVTCFQQESLDV SQMILGKSQQPESKMQSEFIKEKSATCSNEEKDNL
NESVITEEKETDGDHLSLLNKTTVHNI PGFDSIKETNMQDGSVQVIKDHVTNCAF SFQNSLLYDLD

TRPLEQKLI SEEDLAANDILDYKDDDDKV

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_060609

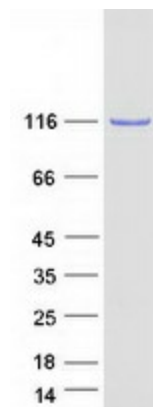


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RefSeq Size:	2976
RefSeq ORF:	2511
Synonyms:	C14orf104; CILD10; KTU; PF13
Locus ID:	55172
UniProt ID:	Q9NVR5
Cytogenetics:	14q21.3

Summary: This gene encodes a highly conserved protein involved in the preassembly of dynein arm complexes which power cilia. These complexes are found in some cilia and are assembled in the cytoplasm prior to transport for cilia formation. Mutations in this gene have been associated with primary ciliary dyskinesia. Multiple transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Oct 2009]

Product images:



Coomassie blue staining of purified DNAAF2 protein (Cat# [TP312848]). The protein was produced from HEK293T cells transfected with DNAAF2 cDNA clone (Cat# [RC212848]) using MegaTran 2.0 (Cat# [TT210002]).