

Product datasheet for TP312848

C14orf104 (DNAAF2) (NM_018139) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human chromosome 14 open reading frame 104 (C14orf104), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC212848 representing NM_018139 Red =Cloning site Green =Tags(s)

MAKAAASSLEDLDLSGEEVQRLTSAFQDPEFRRMFSQYAEELDPENRRRYEAEITALERERGVVEVRFV
HPEPGHVLRTSLDGARRCFVNVCSNALVGAPSSRPGSGGDRGAAPGSHWVSLPYSLAPGREYAGRSSRYM
VYDVVFPDALALARRHEGFRQMLDATALEAVEKQFGVKLDRRNAKTLKAKYKGTPEAAVLRTPPLPGVIP
ARPDGEPKGPLPDFPYPYQYPAAPGPRAPSPPEAALQPAPTEPRYSVVQRHHVLDLQDYRCSRDSAPSPVP
HELVITIELPLLRSAEQAALEVTRKLLCLDSRKP DYRLRLSLPYPVDDGRGKAQFNKARRQLWVTLPVVL
PAARREPAVAVAAAAPEESADRS GTDGGQACASAREGEAGPARSRAEDGGHDTCVAGAAGSGVTTLGDPEV
APPPAAAGEERVPKPGEQDLSRHAGSPPGVSVEEPPGGENSPGGGGSPCLSSRSLAWGSSAGRESARGDS
SVETREESEGTGGQRSACAMGGPGTKSGEPLCPPLL CNQDKETLLLIQVPRIQPQSLQGD LNPLWYKLR
FSAQDLVYSFFLQFAPENKLTSTTEPVISISSNNAVIELAKSPESHGHWREWYYGVNND SLEERLFVNEEN
VNEFLEEVLSPPFKQSMSLTPPLIEVLQVTDN KIQINAKLQECNSDQLQGKEERVNEESH LTEKEYIEH
CNTPTTDS DSSI AVKALQIDSFGLVTCFQQESLDV SQMILGKSQQPESKMQSEFIKEKSATCSNEEKDNL
NESVITEEKETDGDHLSLLNKTTVHNIPGFDSIKETNMQDGSVQVIKDHVTNCAFSFQNSLLYDLD

TRPLEQKLISEEDLAANDILDYKDDDDKV

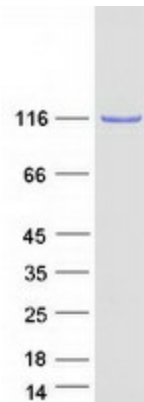
Tag:	C-Myc/DDK
Predicted MW:	90.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.



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Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_060609
Locus ID:	55172
UniProt ID:	Q9NVR5
RefSeq Size:	2976
Cytogenetics:	14q21.3
RefSeq ORF:	2511
Synonyms:	C14orf104; CILD10; KTU; PF13
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]).