

## Product datasheet for TP312848L

### 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, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC212848 representing NM_018139 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MAKAAASSLEDLDLSGEEVQRLTSAFQDPEFRRMFSQYAEELTDPENRRRYEAEITALERERGVVEVRFV  
HPEPGHVLRTSLDGARRCFVNVCSNALVGAPSSRPGSGGDRGAAPGSHWSPYSLAPGREYAGRSSSRYM  
VYDVVFHPDALALARRHEGFRQMLDATALEAVEKQFGVKLDRRNLKAKYKGTPEAAVLRTPPLPGVIP  
ARPDGEPKGPLPDFPYQYPAAPGPRAPSPPEAALQPAPTEPRYSVQRHHVDLQDYRCSRDSAPSPVP  
HELVITIELPLLRSAEQAALEVTRKLLCLDSRKPDRRLSLPYPVDDGRGKAQFNKARRQLVWTLPVVL  
PAARREPAVAVAAAPEESADRSRGTGQACASAREGEAGPARSRAEDGGHDTCVAGAAGSGVTTLGDPVEV  
APPPAAAGEERVPKPGEQDLSRHAGSPPGSGVEEPPSPGGGENSPGGGGSPCLSSRSLAWGSSAGRESARGDS  
SVETREESEGTGGQRSACAMGGPGTKSGEPLCPPLLNCQDKETLLIQVPRIQPQSLQGDNLPLWYKLR  
FSAQDLVYSFFLQFAPENKLSSTTEPVISISSNNAVIELAKSPESHGHWREWYGVNNSLEERLFVNEEN  
VNEFLEEVLSPPFKQMSLTPPLIEVLQVTDNKIQINAKLQECNSDQLQGKEERVNEESHLEKEYIEH  
CNTPTTDSDDSSIAVKALQIDSFGLVTCFQQESLDVSMILGKSQQPESKMQSEFIKEKSATCSNEEKDNL  
NESVITEEKETDGDHLSLLNKTTVHNIPGFDSIKETNMQDGSVQVIKDHVTNCAFSFQNSLLYDLD

**TRPLEQKLISEEDLAANDILDYKDDDDKV**

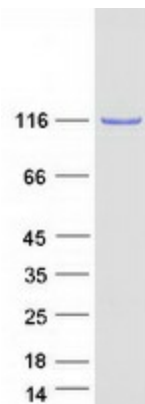
Tag:	C-Myc/DDK
Predicted MW:	90.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity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



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