

## Product datasheet for TP305452M

### LRR50 (DNAAF1) (NM\_178452) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins  
**Description:** Recombinant protein of human leucine rich repeat containing 50 (LRR50), 100 µg  
**Species:** Human  
**Expression Host:** HEK293T  
**Expression cDNA Clone or AA Sequence:** >RC205452 protein sequence  
**Red**=Cloning site **Green**=Tags(s)

MHPEPSEPATGGAAELDCAQEPGVEESAGDHGSAGRGGCKEEINDPKEICVGSSDTSYHSQQKQSGDNGS  
GGHFAHPREDREDRGRMRTKSSLQKCKQHKLYITPALNDTLYLHFKGFDRIENLEEYTGRLCLWLQSNQ  
IQKIENLEAQTELRLCLFLQMNLLRKIENLEPLQKLDALNLSNNYIKTIENLSCLPVLNLTQMAHNHLETV  
EDIQHLQECLRLCVLDLSHNKLSDPEILSILEMPLDLRVNLNMGPNVIRQIPNYRRTVTVRLKHLTYLDD  
RPVFPKDRACAEAWARGGYAAEKEERQQWESRERKKTDSIEALAMIKQRAEERKRQRESQERGEMTSSD  
DGENVPASAEGKEEPPGDRETRQKMEFLVKESFEAKDELCPERPSGEEPPVEAKREDGGPEPEGTLP  
LLLSSPVEVKGEDGDGEPEGTLPAAEPPPPPPVEVKGEDGDQEPEGTLPAAEPPPPPPVEVKGEDGD  
EGTLPAAEPPPLPLGAAREEPTQAVATEGVFTELDGTRTEDLETIRLETKETCCIDDLPLEDDDETG  
KSLEDQNMCFPKIEVISSLSDDSDPELDYTSPLVLENLPTDNLNIFAVSKDTSKAARVPFTDIFKKEAK  
RDSEIRKQDTSRPLIQELSDSDPSGQPLMPPTCQRDAAPLTSTGDRDSDFLAASSPVPTESAATPPET  
CVGVAQPSQALPTWDLTAFPAKAS

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

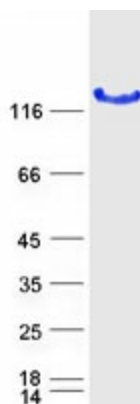
**Tag:** C-Myc/DDK  
**Predicted MW:** 79.8 kDa  
**Concentration:** >0.05 µg/µL as determined by microplate BCA method  
**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining  
**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol  
**Preparation:** Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.  
**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.



[View online >](#)

<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_848547</a>
<b>Locus ID:</b>	123872
<b>UniProt ID:</b>	<a href="#">Q8NEP3</a> , <a href="#">A0A140VJN4</a>
<b>RefSeq Size:</b>	2451
<b>Cytogenetics:</b>	16q24.1
<b>RefSeq ORF:</b>	2175
<b>Synonyms:</b>	CILD13; DAU1; LRRC50; ODA7; swt
<b>Summary:</b>	The protein encoded by this gene is cilium-specific and is required for the stability of the ciliary architecture. It is involved in the regulation of microtubule-based cilia and actin-based brush border microvilli. Mutations in this gene are associated with primary ciliary dyskinesia-13. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2016]

### Product images:



Coomassie blue staining of purified DNAAF1 protein (Cat# [TP305452]). The protein was produced from HEK293T cells transfected with DNAAF1 cDNA clone (Cat# [RC205452]) using MegaTran 2.0 (Cat# [TT210002]).