

## Product datasheet for **TP310638L**

### TTC8 (NM\_198309) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human tetratricopeptide repeat domain 8 (TTC8), transcript variant 2, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC210638 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MSSEMEPLLLAWSYFRRRKFLCADLCTQMLEKSPYDQAAWILKARALTEMVYIDEIDVDQEGIAEMMLD  
ENAIQVPRPGTSLKLPGTNQTGGPSQAVRPITQAGRPITGFLRPSTQSGRPGTMEQAIPTRTAYTARP  
ITSSGRFVRLGTASMLTSPDGPFINLSRLNLTKYSQKPKLAKALFEYIFHHENDVKTALDLAALSTEHS  
QYKDWVWKVQIGKCYRLGMYREAEKQFKSALKQQEMVDTFLYLAKVYVSLDQPVTAALNLFKQGLDKFPG  
EVTLLCGIARIYEEMNMSSAAEYYKEVLKQDNTHVEAIACIGSNHFYSDQPEIALRFYRRLQMGIIYNG  
QLFNNLGLCCFYAQYDMTLTSEFALSLENEEAADVWYNLGHVAVGIGDTNLAHQCFRLALVNNNNH  
AEAYNNLAVLEMRKGHVEQARALLQTASSLAPHMYEPHFNFATISDKIGDLQRSYVAAQKSEAAPDHDV  
TQHLLIKQLRQHFAML

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

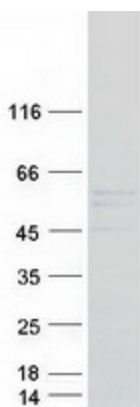
Tag:	C-Myc/DDK
Predicted MW:	57.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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.



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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:	<a href="#">NP_938051</a>
Locus ID:	123016
UniProt ID:	<a href="#">Q8TAM2</a> , <a href="#">A0A0C4DGY3</a> , <a href="#">Q86U25</a> , <a href="#">A0A0C4DFT4</a>
RefSeq Size:	2317
Cytogenetics:	14q31.3
RefSeq ORF:	1515
Synonyms:	BBS8; RP51
Summary:	This gene encodes a protein that has been directly linked to Bardet-Biedl syndrome. The primary features of this syndrome include retinal dystrophy, obesity, polydactyly, renal abnormalities and learning disabilities. Experimentation in non-human eukaryotes suggests that this gene is expressed in ciliated cells and that it is involved in the formation of cilia. A mutation in this gene has also been implicated in nonsyndromic retinitis pigmentosa. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2014]

### Product images:



Coomassie blue staining of purified TTC8 protein (Cat# [TP310638]). The protein was produced from HEK293T cells transfected with TTC8 cDNA clone (Cat# [RC210638]) using MegaTran 2.0 (Cat# [TT210002]).