

## Product datasheet for PH310638

### TTC8 (NM\_198309) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	TTC8 MS Standard C13 and N15-labeled recombinant protein (NP_938051)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC210638
Predicted MW:	57.3 kDa
Protein Sequence:	>RC210638 protein sequence Red=Cloning site Green=Tags(s)

MSSEMEPLLLAWSYFRRRKFLCADLCTQMLEKSPYDQAAWILKARALTEMVYIDEIDVDQEGIAEMMLD  
ENAI AQVPRPGTSLKLPGTNQTGGPSQAVRPITQAGRPITGFLRPSTQSGRPGTMEQAIRTPRTAYTARP  
ITSSSGRFVRLGTASMLTSPDGPFINLSRLNLTKYSQKPKLAKALFEYIFHHENDVKTALDLAALSTEH  
QYKDWWWKVGIGKCYRRLGMYREAEKQFKSALKQQEMVDTFLLYLAQVYVSLDQPVTAALNLFKQGLDKFPG  
EVTLLCGIARIYEEMNMSSAAEYKVELKQDNTHVEAIAICIGSNHFYSDQPEIALRFYRRLQMGYING  
QLFNLLGLCCFYAQYDMLTTSFERALSLAENEEAADVWYNLGHVAVGIGDTNLAHQCFRLALVNNNNH  
AEAYNNLAVLEMRKGHVEQARALLQTASSLAPHMYEPHFNFATISDKIGDLQRSYVAAQKSEAAFPDHVD  
TQHLLIKQLRQHFAML

TRTRPLEQKLI 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- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-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:	<a href="#">NP_938051</a>
RefSeq Size:	2317
RefSeq ORF:	1515

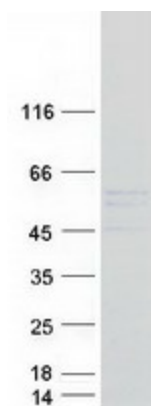


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**Synonyms:** BBS8; RP51  
**Locus ID:** 123016  
**UniProt ID:** [Q8TAM2](#), [A0A0C4DGY3](#), [Q86U25](#), [A0A0C4DFT4](#)  
**Cytogenetics:** 14q31.3

**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]).