Recombinant Human TTC8 protein, His-tagged

Cat. No. TTC8-2542H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TTC8 protein(200-531 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	200-531 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	HLEDVVLHLGIYPFLLRNKNHIEKNALDLAALSTEHSQYKDWWWKVQIGKCYYRLGM YREAEKQFKSALKQQEMVDTFLYLAKVYVSLDQPVTALNLFKQGLDKFPGEVTLLCG IARIYEEMNNMSSAAEYYKEVLKQDNTHVEAIACIGSNHFYSDQPEIALRFYRRLLQM GIYNGQLFNNLGLCCFYAQQYDMTLTSFERALSLAENEEEAADVWYNLGHVAVGIG DTNLAHQCFRLALVNNNNHAEAYNNLAVLEMRKGHVEQARALLQTASSLAPHMYEP HFNFATISDKIGDLQRSYVAAQKSEAAFPDHVDTQHLIKQLRQHFAML
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	cycles.
Reconstitution	Reconstitute at 0.25 ḡ/µl in 200 µl sterile water for short-term storage. Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name	TTC8 tetratricopeptide repeat domain 8 [Homo sapiens]
Official Symbol	TTC8
Synonyms	TTC8; tetratricopeptide repeat domain 8; tetratricopeptide repeat protein 8; BBS8; TPR repeat protein 8; Bardet-Biedl syndrome type 8; bardet-Biedl syndrome 8 protein; RP51;
Gene ID	123016
mRNA Refseq	NM_144596
Protein Refseq	NP_653197
MIM	608132
UniProt ID	Q8TAM2

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