



Recombinant Human Tetratricopeptide repeat protein 8 (TTC8)

Product Code	CSB-BP848389HU
Abbreviation	TTC8
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q8TAM2
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MSSEMEPLLL AWSYFRRRK FQLCADLCTQM LEKSPYDQEP DPELPVHQAA WILKARALTE MVIYIDEIDVD QEGIAEMMLD ENAIAQVPRP GTSLKLPGTN QTGGPSQAVR PITQAGRPIT GFLRPSTQSG RPGTMEQAIR TPRTAYTARP ITSSSGRFVR LGTASMLTSP DGPFINLSRL NLTKYSQKPK LAKALFEYIF HHENDVKTIH LEDVVLHLGI YPFLLRNKNH IEKNALDLAA LSTEHSQYKD WWWKVQIGKC YYRLGMYREA EKQFKSALKQ QEMVDTFLYL AKVYVSLDQP VTALNLFKQG LDKFPGEVTL LCGIARIYEE MNNMSSAAEY YKEVLKQDNT HVEAIACIGS NHFYSDQPEI ALRFYRLLQ MGIYNGQLFN NLGLCCFYAQ QYDMTLTSFE RALSLAENEE EAADVWYNLG HVAVGIGDTN LAHQCFRLAL VNNNNHAEAY NNLAVLEM RK GHVEQARALL QTASSLAPHM YEPHFNFATI SDKIGDLQRS YVAAQKSEAA FPDHVDVTQHL IKQLRQHFAM L
Source	Baculovirus
Target Names	TTC8
Protein Names	Recommended name: Tetratricopeptide repeat protein 8 Short name= TPR repeat protein 8 Alternative name(s): Bardet-Biedl syndrome 8 protein
Expression Region	1-541
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	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. Alternate transcriptional splice variants have been characterized.

**Reconstitution**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.