

## Recombinant Human TBCC Protein (2-345 aa), His-tagged

**Cat. No.** TBCC-825H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                  |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human TBCC Protein (2-345 aa) is produced by E. coli expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Signal Transduction. Protein Description: Full Length of Mature Protein.                                                                                                                                            |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                           |
| <b>ProteinLength</b>    | 2-345 aa                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Description</b>      | Tubulin-folding protein; involved in the final step of the tubulin folding pathway.                                                                                                                                                                                                                                                                                              |
| <b>Form</b>             | Tris-based buffer, 50% glycerol                                                                                                                                                                                                                                                                                                                                                  |
| <b>Molecular Mass</b>   | 43.0 kDa                                                                                                                                                                                                                                                                                                                                                                         |
| <b>AA Sequence</b>      | ESVSCSAAAVRTGDMESQRDLSLPERLQRREQERQLEVERRKQKRQNQEVEKEN<br>SHFFVATFVRERAAVEELLERAESVERLEEAAASRLQGLQKLINDSVFFLAAYDLRQG<br>QEALARLQAALAERRRGLQPKKRFAFKTRGKDAASSTKVDAAPGIPPAVESIQDSPL<br>PKKAEGDLGPSWVCGFSNLESQVLEKRASELHQRDVLLTELSNCTVRLYGNPNTLR<br>LTKAHSCKLLCGPVSTSVFLEDSCDCVLAVACQQLRIHSTKDTRIFLQVTSRAIVEDC<br>SGIQFAPYTWSYPEIDKDFESSGLDRSKNNWNDVDDFNWLARDMASPNWSILPEEE<br>RNIQW |
| <b>Purity</b>           | > 90% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                                                                 |

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|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Notes</b>         | Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.                                                                                                                                                                                                        |
| <b>Storage</b>       | 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 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade. |
| <b>Concentration</b> | A hardcopy of COA with concentration instruction is sent along with the products.                                                                                                                                                                                                                                   |

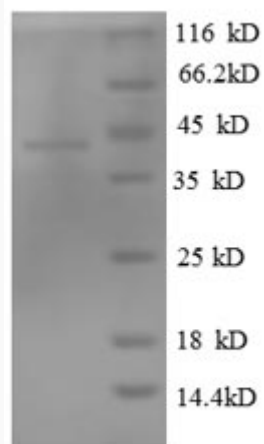
## GENE INFORMATION

|                        |                                                  |
|------------------------|--------------------------------------------------|
| <b>Gene Name</b>       | TBCC tubulin folding cofactor C [ Homo sapiens ] |
| <b>Official Symbol</b> | TBCC                                             |
| <b>Synonyms</b>        | TBCC; CFC; tubulin-folding cofactor C;           |
| <b>Gene ID</b>         | 6903                                             |
| <b>mRNA Refseq</b>     | NM_003192                                        |
| <b>Protein Refseq</b>  | NP_003183                                        |
| <b>MIM</b>             | 602971                                           |
| <b>UniProt ID</b>      | Q15814                                           |

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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