

## Recombinant Human TBCD, His-tagged

Cat. No. TBCD-3134H    Lot. No. (See product label)

### SPECIFICATION

|                  |                                                                                                                                                                      |
|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Overview | Recombinant Human TBCD protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.                                                              |
| Species          | Human                                                                                                                                                                |
| Source           | E.coli                                                                                                                                                               |
| ProteinLength    | 0-270AA                                                                                                                                                              |
| Storage          | The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.                                                                            |
| Storage Buffer   | 1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol. |

### GENE INFORMATION

|                 |                                                                                                                                                                           |
|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Name       | TBCD tubulin folding cofactor D [ Homo sapiens ]                                                                                                                          |
| Official Symbol | TBCD                                                                                                                                                                      |
| Synonyms        | TBCD; tubulin folding cofactor D; tubulin specific chaperone d; tubulin-specific chaperone D; tfcD; SSD-1; beta-tubulin cofactor D; tubulin-folding cofactor D; KIAA0988; |

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|                            |                                                                                                                                                                          |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene ID</b>             | 6904                                                                                                                                                                     |
| <b>mRNA Refseq</b>         | NM_005993                                                                                                                                                                |
| <b>Protein Refseq</b>      | NP_005984                                                                                                                                                                |
| <b>MIM</b>                 | 604649                                                                                                                                                                   |
| <b>UniProt ID</b>          | Q9BTW9                                                                                                                                                                   |
| <b>Chromosome Location</b> | 17q25.3                                                                                                                                                                  |
| <b>Pathway</b>             | Metabolism of proteins, organism-specific biosystem; Post-chaperonin tubulin folding pathway, organism-specific biosystem; Protein folding, organism-specific biosystem; |
| <b>Function</b>            | GTPase activator activity; GTPase activator activity; beta-tubulin binding; chaperone binding; protein binding;                                                          |

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