

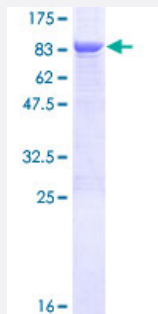
Full-Length

TBCE (Human) Recombinant Protein (P01)

Catalog # H00006905-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human TBCE full-length ORF (NP_003184.1, 1 a.a. - 527 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MSDTLTADVIGRRVEVNGEHATVRFAGVPPVAGPWLGVEWDNPERGKHGDSHEGTVYFKCRH
PTGGSFIRPNKVNFGTDFLTAKNRYLEDGPEEDRKEQVTIGNKPVETIGFDSIMKQQSQLSKLQ
EVSLRNCAVSCAGEKGGVAEACPNIRKVDLSKNLLSSWDEVIIADQLRHLEVLNVSENKLKFPS
GSVLTGTL SVLKVLVLNQGITWAEVLRVAGCPGLEELYLESNNIFISERPTDVLQTVKLLDLSSN
QLIDENQLYLIAHLPRLEQLILSDTGISLHFPDAGIGCKTSMFPSLKYL VVNDNQISQWSFFNELEK
LPSLRALSCLRNP LTKEDKEAETARLLIASIGQLKTLNKCEILPEERRRAELDYRKAFGNEWKQAG
GHKDPEKNRLSEEF LTAHPRYQFLCLKYGAPEDWELKTQQPLMLKNQLLTLKIKYPHQLDQKVLE
KQLPGSMTIQKVKGLLSRLKVPVSDLLSYESPKKPGREIELENDLKS LQFY SVENGDCLLVRW

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

85.7

Interspecies Antigen Sequence

Mouse (74); Rat (75)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — TBCE

Entrez GeneID	6905
GeneBank Accession#	BC008654.1
Protein Accession#	NP_003184.1
Gene Name	TBCE
Gene Alias	HRD, KCS, KCS1, pac2
Gene Description	tubulin folding cofactor E
Omim ID	241410 244460 604934
Gene Ontology	Hyperlink
Gene Summary	Cofactor E is one of four proteins (cofactors A, D, E, and C) involved in the pathway leading to correctly folded beta-tubulin from folding intermediates. Cofactors A and D are believed to play a role in capturing and stabilizing beta-tubulin intermediates in a quasi-native confirmation. Cofactor E binds to the cofactor D/beta-tubulin complex; interaction with cofactor C then causes the release of beta-tubulin polypeptides that are committed to the native state. Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq]
Other Designations	OTTHUMP00000037906 beta-tubulin cofactor E tubulin-specific chaperone e

Disease

- [Tobacco Use Disorder](#)