

Recombinant Human TBCD cell lysate

Cat. No. TBCD-1744HCL Lot. No. (See product label)

SPECIFICATION

Product Overview

Species	Human
Description	Cofactor D 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.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

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;

 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

	KIAA0988;
Gene ID	6904
mRNA Refseq	NM_005993
Protein Refseq	NP_005984
MIM	604649
UniProt ID	Q9BTW9
Chromosome Location	17q25.3
Pathway	Metabolism of proteins, organism-specific biosystem; Post-chaperonin tubulin folding pathway, organism-specific biosystem; Protein folding, organism-specific biosystem;
Function	GTPase activator activity; GTPase activator activity; beta-tubulin binding; chaperone binding; protein binding;

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