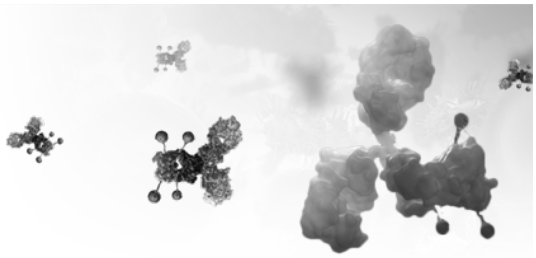

Human TCP1 blocking peptide (CDBP2933)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-TCP1 antibody
Antigen Description	The protein encoded by this gene is a molecular chaperone that is a member of the chaperonin containing TCP1 complex (CCT), also known as the TCP1 ring complex (TRiC). This complex consists of two identical stacked rings, each containing eight different proteins. Unfolded polypeptides enter the central cavity of the complex and are folded in an ATP-dependent manner. The complex folds various proteins, including actin and tubulin. Alternate transcriptional splice variants of this gene, encoding different isoforms, have been characterized. In addition, three pseudogenes that appear to be derived from this gene have been found. [provided by RefSeq, Jun 2010]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	TCP1 t-complex 1 [Homo sapiens]
Official Symbol	TCP1

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

Synonyms	TCP1; t-complex 1; T-complex protein 1 subunit alpha; CCT1; Ccta; D6S230E; tailless complex polypeptide 1; T-complex protein 1, alpha subunit; CCTa; CCT-alpha; TCP-1-alpha;
Entrez Gene ID	6950
mRNA Refseq	NM_001008897
Protein Refseq	NP_001008897
UniProt ID	P17987
Chromosome Location	6q25-q27
Pathway	Association of TriC/CCT with target proteins during biosynthesis, organism-specific biosystem; Chaperonin-mediated protein folding, organism-specific biosystem; Cooperation of Prefoldin and TriC/CCTin actin and tubulin folding, organism-specific biosystem; Folding of actin by CCT/TriC, organism-specific biosystem; Formation of tubulin folding intermediates by CCT/TriC, organism-specific biosystem; Metabolism of proteins, organism-specific biosystem; Prefoldin mediated transfer of substrateto CCT
Function	ATP binding; nucleotide binding; unfolded protein binding;

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221