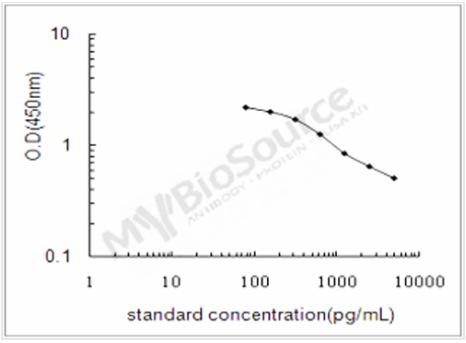
Putative T-Complex Protein 1 Subunit Theta-Like 1 (CCT8L1P) ELISA Kit for Human

PRODUCT OVERVIEW

Product Name	Putative T-complex protein 1 subunit theta-like 1 (CCT8L1P), ELISA Kit
Full Product Name	Human Putative T-complex protein 1 subunit theta-like 1 ELISA Kit
Product Gene Name	CCT8L1P elisa kit
Species Reactivity	Human
Assay Type	Competitive
Detection Range	78-5000 pg/mL
Sensitivity	38pg/mL
Specificity	This assay recognizes recombinant and natural Human Putative T-complex protein 1 subunit theta-like 1. No significant cross-reactivity or interference was observed.
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.
Molecular Weight	59,514 Da
3D Structure	ModBase 3D Structure for A6NM43
Intra-Assay CV	<=5.3%
Inter-Assay CV	<=9.2%
Recovery	85%
Related Product Information for CCT8L1P elisa kit	Principle of the Assay: The ELISA is based on the competitive binding enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Putative T-complex protein 1 subunit theta-like 1, During the reaction, Putative T-complex protein 1 subunit theta-like 1 in the sample or standard competes with a fixed amount of biotin-labeled Putative T-complex protein 1 subunit theta-like 1 for sites on a pre-coated Monoclonal antibody specific to Putative T-complex protein 1 subunit theta-like 1. Excess conjugate and unbound sample or standard are washed from the plate. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of Putative T-complex protein 1 subunit theta-like 1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Other Notes	Small volumes of CCT8L1P elisa kit vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for CCT8L1P purchase	MBS288317 is a ready-to-use microwell, strip plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the Putative T-complex protein 1 subunit theta-like 1 (CCT8L1P) ELISA Kit target analytes in biological samples. The concentration gradients of the kit standards or positive controls render a theoretical kit detection range in biological research samples containing CCT8L1P. The ELISA analytical biochemical technique of the MBS288317 kit is based on CCT8L1P antibody-CCT8L1P antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect CCT8L1P antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, CCT8L1P. Appropriate sample types may include undiluted body fluids and/or tissue homogenates, secretions. Quality control assays assessing reproducibility identified the intra-assay CV (%) and inter-assay CV(%).



Typical Testing Data/Standard Curve (for reference only) of CCT8L1P elisa kit

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CCT8L1P. It may not necessarily be applicable to this product.

NCBI GI #	205830297
NCBI Accession #	A6NM43.1
UniProt Primary Accession #	A6NM43
NCBI Official Full Name	Putative T-complex protein 1 subunit theta-like 1
UniProt Protein Name	Putative T-complex protein 1 subunit theta-like 1
Protein Family	Putative T-complex protein
UniProt Gene Name	CCT8L1P
UniProt Synonym Gene Names	CCT8L1
UniProt Entry Name	TCPQL_HUMAN
UniProt Comments for CCT8L1P	Possible molecular chaperone; assists the folding of proteins upon ATP hydrolysis.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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Online datasheet: https://www.mybiosource.com/cct8l1p-human-elisa-kits/putative-t-complex-protein-1-subunit-theta-like-1/288317