Cytohesin Interacting (CYTIP) ELISA Kit for Human

PRODUCT OVERVIEW

Product Name	Cytohesin Interacting Protein (CYTIP), ELISA Kit
Full Product Name	Human Cytohesin Interacting Protein ELISA Kit
Product Gene Name	CYTIP elisa kit
Species Reactivity	Human
Assay Type	Sandwich
Preparation and Storage	Store all reagents at 2-8 degree C
Molecular Weight	40,010 Da
Chromosome Location	Chromosome: 2; NC_000002.11 (158271131..158300604, complement). Location: 2q11.2
OMIM	604448
3D Structure	ModBase 3D Structure for O60759
Related Product Information for CYTIP elisa kit	MBS011001 is a ready-to-use microwell, strip plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the Cytohesin Interacting Protein (CYTIP) 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 CYTIP. The ELISA analytical biochemical technique of the MBS011001 kit is based on CYTIP antibody-CYTIP antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect CYTIP antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, CYTIP. 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(%).
Other Notes	Small volumes of CYTIP 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.

ADDITIONAL DETAILS

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

NCBI GI #	47933392
NCBI GeneID	9595
NCBI Accession #	NP_004279.3
UniProt Primary Accession #	O60759
UniProt Secondary Accession #	Q15630; Q8NE32
UniProt Related Accession #	O60759
GenBank Nucleotide #	NM_004288.4
NCBI Official Full Name	cytohesin-interacting protein
NCBI Official Synonym Full Names	cytohesin 1 interacting protein
NCBI Official Symbol	CYTIP
NCBI Official Synonym Symbols	HE; B3-1; CASP; CYBR; CYTHIP; PSCDBP
UniProt Protein Name	Cytohesin-interacting protein

UniProt Synonym Protein Names	Cytohesin binder and regulator; CYBR; Cytohesin-associated scaffolding protein; CASP; Cytohesin-binding protein HE; Cbp HE; Pleckstrin homology Sec7 and coiled-coil domains-binding protein
Protein Family	Cytohesin-interacting protein
UniProt Gene Name	CYTIP
UniProt Synonym Gene Names	PSCDBP; CYBR; CASP; Cbp HE
UniProt Entry Name	CYTIP_HUMAN
NCBI Protein Information	cytohesin-interacting protein; cbp HE; cytohesin binding protein HE; cytohesin-binding protein HE; cytohesin binder and regulator; cytohesin-1 interacting protein; cytohesin-associated scaffolding protein; pleckstrin homology Sec7 and coiled-coil domains-binding protein; pleckstrin homology, Sec7 and coiled-coil domains, binding protein; pleckstrin homology, Sec7 and coiled/coil domains, binding protein
NCBI Summary for CYTIP	The protein encoded by this gene contains 2 leucine zipper domains and a putative C-terminal nuclear targeting signal, but does not have any hydrophobic regions. This protein is expressed weakly in resting NK and T cells. The encoded protein modulates the activation of ARF genes by CYTH1. This protein interacts with CYTH1 and SNX27 proteins and may act to sequester CYTH1 protein in the cytoplasm.[provided by RefSeq, Aug 2008]
UniProt Comments for CYTIP	PSCDBP: By its binding to cytohesin-1 (CYTH1), it modifies activation of ARFs by CYTH1 and its precise function may be to sequester CYTH1 in the cytoplasm. Protein type: Cell adhesion Chromosomal Location of Human Ortholog: 2q11.2 Cellular Component: nucleoplasm; cytoplasm; early endosome; cell cortex Molecular Function: protein binding Biological Process: regulation of cell adhesion
Research Articles on CYTIP	**1.** loss of DNA methylation enables HIF-driven cytohesin 1 interacting protein expression to protect cancer cells from death cytokine signals
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.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
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.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/cytip-human-elisa-kits/cytohesin-interacting-protein/11001