



# Human CYTH4 blocking peptide (CDBP2414)

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

## PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-PSCD4/CYTOHESIN 4 antibody
Antigen Description	The protein encoded by this gene is a member of the PSCD family. Members of this family have identical structural organization that consists of an N-terminal coiled-coil motif, a central Sec7 domain, and a C-terminal pleckstrin homology (PH) domain. The coiled-coil motif is involved in homodimerization, the Sec7 domain contains guanine-nucleotide exchange protein (GEP) activity, and the PH domain interacts with phospholipids and is responsible for association of PSCDs with membranes. Members of this family appear to mediate the regulation of protein sorting and membrane trafficking. The encoded protein exhibits GEP activity in vitro with both ARF1 and ARF5 but is inactive with ARF6. The structures of this gene and CYTH1 are very similar. [provided by RefSeq, Aug 2008]
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	<a href="#">CYTH4 cytohesin 4 [ Homo sapiens (human) ]</a>
Official Symbol	CYTH4

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<b>Synonyms</b>	CYTH4; cytohesin 4; CYT4; PSCD4; DJ63G5.1; cytohesin-4; pleckstrin homology, Sec7 and coiled-coil domains 4; pleckstrin homology, Sec7 and coiled/coil domains 4; PH, SEC7 and coiled-coil domain-containing protein 4;
<b>Entrez Gene ID</b>	<a href="#">27128</a>
<b>mRNA Refseq</b>	<a href="#">NM_013385.3</a>
<b>Protein Refseq</b>	<a href="#">NP_037517.1</a>
<b>UniProt ID</b>	Q9UIA0
<b>Chromosome Location</b>	22q12.3-q13.1
<b>Function</b>	ARF guanyl-nucleotide exchange factor activity; ARF guanyl-nucleotide exchange factor activity; lipid binding;

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