



Human CANX blocking peptide (CDBP0662)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-Calnexin antibody
Antigen Description	This gene encodes a member of the calnexin family of molecular chaperones. The encoded protein is a calcium-binding, endoplasmic reticulum (ER)-associated protein that interacts transiently with newly synthesized N-linked glycoproteins, facilitating protein folding and assembly. It may also play a central role in the quality control of protein folding by retaining incorrectly folded protein subunits within the ER for degradation. Alternatively spliced transcript variants encoding the same protein have been described. [provided by RefSeq, Jul 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	CANX calnexin [Homo sapiens (human)]
Official Symbol	CANX
Synonyms	CANX; calnexin; CNX; P90; IP90; major histocompatibility complex class I antigen-binding protein p88;

Entrez Gene ID	821
mRNA Refseq	NM_001024649.1
Protein Refseq	NP_001019820.1
UniProt ID	P27824
Chromosome Location	5q35
Pathway	Adaptive Immune System, organism-specific biosystem; Antigen Presentation: Folding, assembly and peptide loading of class I MHC, organism-specific biosystem; Antigen processing and presentation, organism-specific biosystem; Antigen processing and presentation, conserved biosystem; Asparagine N-linked glycosylation, organism-specific biosystem; Assembly of Viral Components at the Budding Site, organism-specific biosystem; Calnexin/calreticulin cycle, organism-specific biosystem; Class I MHC media
Function	apolipoprotein binding; calcium ion binding; glycoprotein binding; ionotropic glutamate receptor binding; poly(A) RNA binding; protein binding; unfolded protein binding;