



# Human GGCX blocking peptide (CDBP1360)

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

## PRODUCT INFORMATION

<b>Product Overview</b>	Blocking/Immunizing peptide for anti-GGCX antibody
<b>Antigen Description</b>	This gene encodes a member of the Golgi-localized, gamma adaptin ear-containing, ARF-binding (GGA) family. This family includes ubiquitous coat proteins that regulate the trafficking of proteins between the trans-Golgi network and the lysosome. These proteins share an amino-terminal VHS domain which mediates sorting of the mannose 6-phosphate receptors at the trans-Golgi network. They also contain a carboxy-terminal region with homology to the ear domain of gamma-adaptins. Multiple alternatively spliced transcript variants have been identified in this gene.
<b>Species</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Apuri, BL, ELISA
<b>Format</b>	Lyophilized powder
<b>Size</b>	100 µg
<b>Preservative</b>	None
<b>Storage</b>	Shipped at ambient temperature, store at -20°C.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">GGCX gamma-glutamyl carboxylase [ Homo sapiens ]</a>
<b>Official Symbol</b>	GGCX
<b>Synonyms</b>	GGCX; gamma-glutamyl carboxylase; vitamin K-dependent gamma-carboxylase; vitamin K

dependent gamma carboxylase; VKCFD1; peptidyl-glutamate 4-carboxylase; FLJ26629;

<b>Entrez Gene ID</b>	<a href="#">2677</a>
<b>mRNA Refseq</b>	<a href="#">NM_000821</a>
<b>Protein Refseq</b>	<a href="#">NP_000812</a>
<b>UniProt ID</b>	P38435
<b>Chromosome Location</b>	2p12
<b>Pathway</b>	Gamma-carboxylation of protein precursors, organism-specific biosystem; Gamma-carboxylation, transport, and amino-terminal cleavage of proteins, organism-specific biosystem; Metabolism of proteins, organism-specific biosystem; PTM: gamma carboxylation, hypusine formation and arylsulfatase activation, organism-specific biosystem; Post-translational protein modification, organism-specific biosystem;
<b>Function</b>	gamma-glutamyl carboxylase activity; lyase activity;