



# Human EXOC7 blocking peptide (CDBP1171)

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-EXOC7 antibody
<b>Antigen Description</b>	The protein encoded by this gene is a component of the exocyst complex. The exocyst complex plays a critical role in vesicular trafficking and the secretory pathway by targeting post-Golgi vesicles to the plasma membrane. The encoded protein is required for assembly of the exocyst complex and docking of the complex to the plasma membrane. The encoded protein may also play a role in pre-mRNA splicing through interactions with pre-mRNA-processing factor 19. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene, and a pseudogene of this gene is located on the long arm of chromosome 4.
<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="#">EXOC7 exocyst complex component 7 [ Homo sapiens ]</a>
<b>Official Symbol</b>	EXOC7
<b>Synonyms</b>	EXOC7; exocyst complex component 7; EXO70; Exo70p; KIAA1067; YJL085W; exocyst

complex component Exo70; EX070; EXOC1; 2-5-3p; FLJ40965; FLJ46415; DKFZp686J04253;

<b>Entrez Gene ID</b>	<a href="#">23265</a>
<b>mRNA Refseq</b>	<a href="#">NM_001013839</a>
<b>Protein Refseq</b>	<a href="#">NP_001013861</a>
<b>UniProt ID</b>	Q9UPT5
<b>Chromosome Location</b>	17q25.3
<b>Pathway</b>	Arf6 trafficking events, organism-specific biosystem; CDC42 signaling events, organism-specific biosystem; Diabetes pathways, organism-specific biosystem; Disease, organism-specific biosystem; Insulin Pathway, organism-specific biosystem; Insulin Synthesis and Processing, organism-specific biosystem; Insulin signaling pathway, organism-specific biosystem;
<b>Function</b>	protein binding;