



# Human LARGE blocking peptide (CDBP1724)

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

## PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-LARGE (aa421-433) antibody
Antigen Description	This gene, which is one of the largest in the human genome, encodes a member of the N-acetylglucosaminyltransferase gene family. It encodes a glycosyltransferase which participates in glycosylation of alpha-dystroglycan, and may carry out the synthesis of glycoprotein and glycosphingolipid sugar chains. It may also be involved in the addition of a repeated disaccharide unit. Mutations in this gene cause MDC1D, a novel form of congenital muscular dystrophy with severe mental retardation and abnormal glycosylation of alpha-dystroglycan. Alternative splicing of this gene results in two transcript variants that encode the same protein. [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	<a href="#">LARGE like-glycosyltransferase [ Homo sapiens (human) ]</a>
Official Symbol	LARGE

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<b>Synonyms</b>	LARGE; like-glycosyltransferase; MDC1D; MDDGA6; MDDGB6; glycosyltransferase-like protein LARGE1; like-acetylglucosaminyltransferase; acetylglucosaminyltransferase-like 1A; acetylglucosaminyltransferase-like protein;
<b>Entrez Gene ID</b>	<a href="#">9215</a>
<b>mRNA Refseq</b>	<a href="#">NM_004737.4</a>
<b>Protein Refseq</b>	<a href="#">NP_004728.1</a>
<b>UniProt ID</b>	O95461
<b>Chromosome Location</b>	22q12.3
<b>Function</b>	acetylglucosaminyltransferase activity; transferase activity, transferring glycosyl groups;

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