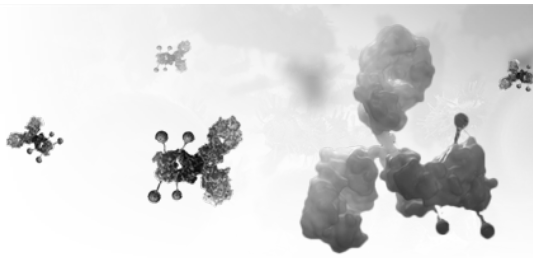

Human EIF2B4 blocking peptide (CDBP1104)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-EIF2B4 antibody
Antigen Description	Eukaryotic initiation factor 2B (EIF2B), which is necessary for protein synthesis, is a GTP exchange factor composed of five different subunits. The protein encoded by this gene is the fourth, or delta, subunit. Defects in this gene are a cause of leukoencephalopathy with vanishing white matter (VWM) and ovarioleukodystrophy. Multiple transcript variants encoding different isoforms have been found for this gene. [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	EIF2B4 eukaryotic translation initiation factor 2B, subunit 4 delta, 67kDa [Homo sapiens (human)]
Official Symbol	EIF2B4
Synonyms	EIF2B4; eukaryotic translation initiation factor 2B, subunit 4 delta, 67kDa; EIF2B; EIF-2B; EIF2Bdelta; translation initiation factor eIF-2B subunit delta; eIF-2B GDP-GTP exchange factor

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	subunit delta; translation initiation factor eIF-2b delta subunit; eukaryotic translation initiation factor 2B subunit 4 delta;
Entrez Gene ID	8890
mRNA Refseq	NM_001034116.1
Protein Refseq	NP_001029288.1
UniProt ID	Q9UI10
Chromosome Location	2p23.3
Pathway	Cap-dependent Translation Initiation, organism-specific biosystem; Eukaryotic Translation Initiation, organism-specific biosystem; Gene Expression, organism-specific biosystem; Metabolism of proteins, organism-specific biosystem; RNA transport, organism-specific biosystem; RNA transport, conserved biosystem; Recycling of eIF2:GDP, organism-specific biosystem; Translation, organism-specific biosystem; Translation Factors, organism-specific biosystem;
Function	NOT S-methyl-5-thioribose-1-phosphate isomerase activity; contributes_to guanyl-nucleotide exchange factor activity; contributes_to guanyl-nucleotide exchange factor activity; protein binding; contributes_to translation initiation factor activity; transla

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