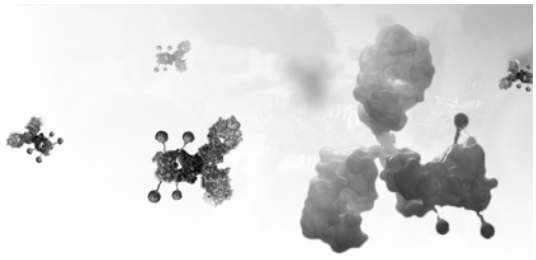

Human EIF2B5 peptide (DAG-P1396)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes one of five subunits of eukaryotic translation initiation factor 2B (EIF2B), a GTP exchange factor for eukaryotic initiation factor 2 and an essential regulator for protein synthesis. Mutations in this gene and the genes encoding other EIF2B subunits have been associated with leukoencephalopathy with vanishing white matter. [provided by RefSeq, Nov 2009]
Conjugate	Unconjugated
Sequence Similarities	Belongs to the eIF-2B gamma/epsilon subunits family.Contains 1 W2 domain.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	EIF2B5 eukaryotic translation initiation factor 2B, subunit 5 epsilon, 82kDa [Homo sapiens (human)]
Official Symbol	EIF2B5
Synonyms	EIF2B5; eukaryotic translation initiation factor 2B, subunit 5 epsilon, 82kDa; CLE; CACH; LVWM; EIF-2B; EIF2Bepsilon; translation initiation factor eIF-2B subunit epsilon; eIF-2B GDP-GTP exchange factor subunit epsilon;
Entrez Gene ID	8893
mRNA Refseq	NM_003907.2

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Protein Refseq	NP_003898.2
UniProt ID	Q13144
Chromosome Location	3q27.1
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; MicroRNAs in cardiomyocyte hypertrophy, 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, organi
Function	contributes_to guanyl-nucleotide exchange factor activity; guanyl-nucleotide exchange factor activity; guanyl-nucleotide exchange factor activity; protein binding; contributes_to translation initiation factor activity; translation initiation factor activi

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