



Human EIF2A (phospho Ser51) blocking peptide (CDBP1103)

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

PRODUCT INFORMATION

Product Overview	eIF2A peptide - phospho S51 (phospho and non-phospho pair)
Antigen Description	EIF2A is a 65-kD protein that catalyzes the formation of puromycin-sensitive 80S preinitiation complexes (Zoll et al., 2002 [PubMed 12133843]).[supplied by OMIM, Mar 2008]
Species	Human
Conjugate	Unconjugated
Buffer	Lyophilized powder with trifluoroacetate salt.
Preservative	None
Storage	Lyophilized powder may be stored at 4°C for short-term only. Stable for 12 months at -20°C. Once solubilized, the peptide can be further diluted in the users buffer of choice. recommend storing the reconstituted peptide at minus 20 degrees C, in smaller

GENE INFORMATION

Gene Name	EIF2A eukaryotic translation initiation factor 2A, 65kDa [Homo sapiens (human)]
Official Symbol	EIF2A
Synonyms	EIF2A; eukaryotic translation initiation factor 2A, 65kDa; CDA02; EIF-2A; MST089; MSTP004; MSTP089; eukaryotic translation initiation factor 2A; 65 kDa eukaryotic translation initiation factor 2A;
Entrez Gene ID	83939

mRNA Refseq	NM_032025.3
Protein Refseq	NP_114414.2
UniProt ID	Q9BY44
Chromosome Location	3q25.1
Pathway	IL-6 Signaling Pathway, organism-specific biosystem; TGF-beta receptor signaling, organism-specific biosystem;
Function	protein binding; ribosome binding; tRNA binding; translation initiation factor activity;