

Recombinant Human EIF2AK4

Catalog No: #GP11216



Package Size: #GP11216-1 100ug

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Description

Product Name	Recombinant Human EIF2AK4
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 1400-1649 amino acids of human EIF2AK4
Target Name	eukaryotic translation initiation factor 2 alpha kinase 4
Other Names	GCN2; PVOD2
Accession No.	Swissprot:Q9P2K8Gene Accession:BC009350
Uniprot	Q9P2K8
GeneID	440275;
Storage	-20~-80°C, pH 7.6 PBS

Background

This gene encodes a member of a family of kinases that phosphorylate the alpha subunit of eukaryotic translation initiation factor-2 (EIF2), resulting in the downregulation of protein synthesis. The encoded protein responds to amino acid deprivation by binding uncharged transfer RNAs. It may also be activated by glucose deprivation and viral infection. Mutations in this gene have been found in individuals suffering from autosomal recessive pulmonary venoocclusive-disease-2.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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