

## Recombinant Human EIF2AK3

Catalog No: #GP10696



Package Size: #GP10696-1 100ug

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

## Description

Product Name	Recombinant Human EIF2AK3
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to C terminal 250 amino acids of human eukaryotic translation initiation factor 2-alpha kinase 3
Target Name	eukaryotic translation initiation factor 2-alpha kinase 3
Other Names	PEK, WRS, PERK
Accession No.	Swissprot:Q9NZJ5Gene Accession:BC126354
Uniprot	Q9NZJ5
GenID	9451;
Storage	-20~-80°C, pH 7.6 PBS

## Background

The protein encoded by this gene phosphorylates the alpha subunit of eukaryotic translation-initiation factor 2 (EIF2), leading to its inactivation, and thus to a rapid reduction of translational initiation and repression of global protein synthesis. It is a type I membrane protein located in the endoplasmic reticulum (ER), where it is induced by ER stress caused by malformed proteins. Mutations in this gene are associated with Wolcott-Rallison syndrome.

## References

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

Note: This product is for in vitro research use only