

Recombinant Human CDC45

Catalog No: #GP12738



Package Size: #GP12738-1 100ug

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	Recombinant Human CDC45
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 367-566 amino acids of human CDC45
Target Name	cell division cycle 45
Other Names	CDC45L; CDC45L2; PORC-PI-1
Accession No.	Swissprot:O75419Gene Accession:BC006232
Uniprot	O75419
GeneID	8318;
Storage	-20~-80°C, pH 7.6 PBS

Background

The protein encoded by this gene was identified by its strong similarity with *Saccharomyces cerevisiae* Cdc45, an essential protein required to the initiation of DNA replication. Cdc45 is a member of the highly conserved multiprotein complex including Cdc6/Cdc18, the minichromosome maintenance proteins (MCMs) and DNA polymerase, which is important for early steps of DNA replication in eukaryotes. This protein has been shown to interact with MCM7 and DNA polymerase alpha. Studies of the similar gene in *Xenopus* suggested that this protein play a pivotal role in the loading of DNA polymerase alpha onto chromatin. Alternate splicing results in multiple transcript variants.

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