

# Recombinant Human CSNK2A1

Catalog No: #GP10298



Package Size: #GP10298-1 100ug

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## Description

Product Name	Recombinant Human CSNK2A1
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 39-324 amino acids of human casein kinase 2, alpha 1 polypeptide
Target Name	casein kinase 2, alpha 1 polypeptide
Other Names	CKII; CK2A1; CSNK2A3
Accession No.	Swissprot:P68400Gene Accession:BC011668
Uniprot	P68400
GenID	1457;
Storage	-20~-80°C, pH 7.6 PBS

## Background

Casein kinase II is a serine/threonine protein kinase that phosphorylates acidic proteins such as casein. It is involved in various cellular processes, including cell cycle control, apoptosis, and circadian rhythms. The kinase exists as a tetramer and is composed of an alpha, an alpha-prime, and two beta subunits. The alpha subunits contain the catalytic activity while the beta subunits undergo autophosphorylation. The protein encoded by this gene represents the alpha subunit. While this gene is found on chromosome 20, a related transcribed pseudogene is found on chromosome 11. Three transcript variants encoding two different proteins have been found for this gene.

## 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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