

Recombinant Mouse Csnk2a1 Protein, MYC/DDK-tagged

Cat. No. Csnk2a1-945M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse casein kinase 2, alpha 1 polypeptide (Csnk2a1), with C-terminal MYC/DDK tag, was expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	45.1 kDa
Purity	>80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 g/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Csnk2a1 casein kinase 2, alpha 1 polypeptide [*Mus musculus* (house mouse)]

Official Symbol Csnk2a1

Synonyms Csnk2a1; casein kinase 2, alpha 1 polypeptide; CK2; Csnk2a1-rs4; casein kinase II subunit alpha; CK II alpha; casein kinase II, alpha 1 polypeptide; casein kinase II, alpha 1 related sequence 4; EC 2.7.11.1

Gene ID 12995

mRNA Refseq NM_007788

Protein Refseq NP_031814

UniProt ID Q60737

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