

Product datasheet for TP506103

Csnk2a1 (NM_007788) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse casein kinase 2, alpha 1 polypeptide (Csnk2a1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR206103 protein sequence Red =Cloning site Green =Tags(s)

MSGPVPSRARVYTDVNTHRPREYWDYESHVVEWGNQDDYQLVRKLGKGYSEVFEAINITNNEKVVVKIL
KPVKKKKIKREIKILENLRGGPNITLADIVKDPVSRTPALVFEHVNNTDFKQLYQTLTDYDIRFMYEI
LKALDYCHSMGIMHRDVKPHNVMIDHEHRKLRLLIDWGLAEFYHPGQEYNVRVASRYFKGPELLVDYQMYD
YSLDMWSLGCMLASMIFRKEPFHGHNDNYDQLVRIAKVLGTEDLYDYIDKYNIELDPRFNDILGRHSRKR
WERFVHSENQHLVSPEALDFDKLLRYDHQSRLTAREAMEHPYFYTVVKDQARMSSTSMAGGSTPVSSAN
MMSGISSVPTPSPLGPLAGSPVIAAANSLGIPVAAAAGAQQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	45.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_031814
Locus ID:	12995
UniProt ID:	Q60737



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RefSeq Size: 4208

Cytogenetics: 2 G3

RefSeq ORF: 1176

Synonyms: Csnk2a1-rs4

Summary: 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. [provided by RefSeq, Feb 2014]