

Product datasheet for MC202827

Csnk2a1 (NM_007788) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Csnk2a1 (NM_007788) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Csnk2a1
Synonyms:	Csnk2a1-rs4
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC026149 sequence for NM_007788

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CCACGCGTCCGGAAGCTAGGGGAGCGCGCTATTGCCGCTGCCGCTTCCACCGCAGTGTGAAGAAAAGG
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GGGGGGGAGGGGGGAGGACCCAGTCCATCCTACAACACTGTTCTGCTGGCTGGCCACTTCATCTCTTCTC
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Restriction Sites:

RsrII-NotI

ACCN:

NM_007788

Insert Size:

1176 bp

OTI Disclaimer:

Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components:

The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [BC026149](#), [AAH26149](#)

RefSeq Size: 4119 bp

RefSeq ORF: 1176 bp

Locus ID: 12995

UniProt ID: [Q60737](#)

Cytogenetics: 2 G3

Gene 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]