

# Active Recombinant Mouse Csnk2a1 protein, His&GST-tagged

**Cat. No.** Csnk2a1-7401M    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Csnk2a1 protein(Q60737)(Met1-Gln391), fused with His and GST tag, was expressed in Insect Cells.
<b>Species</b>	Mouse
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	Met1-Gln391
<b>Form</b>	Supplied as sterile 20mM Tris, 500mM NaCl, pH 8.0, 10% glyPlease contact us for any concerns or special requirements.Please refer to the specific buffer information in the hard copy of CoA.
<b>Bio-activity</b>	The specific activity was determined to be 34 nmol/min/mg using casein as substrate.
<b>Molecular Mass</b>	The secreted recombinant mouse CSNK2A1/GST chimera consists of 628 amino acids and has a calculated molecular mass of 72.9 kDa. The recombinant protein migrates as an approximately 65 kDa band in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method
<b>Purity</b>	> 85 % as determined by SDS-PAGE
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

**GENE INFORMATION**

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

**Official Symbol** [Csnk2a1](#)

**Synonyms** CSNK2A1; casein kinase 2, alpha 1 polypeptide; casein kinase II subunit alpha; CK II alpha; casein kinase II, alpha 1 polypeptide; casein kinase II, alpha 1 related sequence 4; Csnk2a1-rs4; MGC102141;

**Gene ID** [12995](#)

**mRNA Refseq** [NM\\_007788](#)

**Protein Refseq** [NP\\_031814](#)

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