

Recombinant Human CASK, Gly & Pro tagged

Cat. No. CASK-465H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CASK (O14936-4) (Ala2-Tyr898), fused with two additional amino acids (Gly & Pro) at the N-terminus, was produced in Baculovirus-Insect cells.
Species	Human
Source	Insect Cells
ProteinLength	2-898 a.a.
Predicted N Terminal	Gly
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, 10% glycerol, pH 7.4. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
Molecular Mass	The secreted recombinant human CASK consists of 899 amino acids and predicts a molecular mass of 102.1 KDa. The apparent molecular mass of the protein is approximately 102 KDa in SDS-PAGE under reducing conditions due to glycosylation.
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Purity	>90 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70oC.
Storage	Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein

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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. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION
Gene Name

CASK calcium/calmodulin-dependent serine protein kinase (MAGUK family) [Homo sapiens]

Official Symbol

CASK

Gene ID

8573

mRNA Refseq

NM_001126054

Protein Refseq

NP_001119526

MIM

300172

UniProt ID

O14936

**Chromosome
Location**

Xp11.4

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