

Recombinant Human CASK protein, His&GST-tagged

Cat. No. CASK-3940H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CASK protein(O14936-4)(Ala2-Tyr898), fused with His and GST tag, was expressed in Insect Cells.
Species	Human
Source	Insect Cells
ProteinLength	Ala2-Tyr898
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 7.4, 10% glyPlease contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant human CASK/GST chimera consists of 1134 amino acids and has a calculated molecular mass of 130 kDa. It migrates as an approximately 120 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 82 % as determined by SDS-PAGE
Storage	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 be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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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

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

Official Symbol

CASK

Synonyms

CASK; calcium/calmodulin-dependent serine protein kinase (MAGUK family); TNRC8, trinucleotide repeat containing 8; peripheral plasma membrane protein CASK; CAGH39; FGS4; LIN2; hCASK; protein lin-2 homolog; trinucleotide repeat containing 8; calcium/calmodulin-dependent serine protein kinase membrane-associated guanylate kinase; CMG; TNRC8; CAMGUK; MICPCH; MRXSNA; FLJ22219; FLJ31914;

Gene ID

8573

mRNA Refseq

NM_001126054

Protein Refseq

NP_001119526

MIM

300172

UniProt ID

O14936

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