

Recombinant Human CASK protein

Cat. No. CASK-2201H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CASK protein(O14936-4)(Ala2-Tyr898) was expressed in Insect Cells.
Species	Human
Source	Insect Cells
ProteinLength	Ala2-Tyr898
Form	Supplied as sterile 20mM Tris, 500mM NaCl, 10% glycerol, pH 7.4.
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
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.
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.

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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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