

Recombinant Human CASK Protein, MYC/DDK-tagged

Cat. No. CASK-2517H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CASK protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	This gene encodes a calcium/calmodulin-dependent serine protein kinase. The encoded protein is a MAGUK (membrane-associated guanylate kinase) protein family member. These proteins are scaffold proteins and the encoded protein is located at synapses in the brain. Mutations in this gene are associated with FG syndrome 4, mental retardation and microcephaly with pontine and cerebellar hypoplasia, and a form of X-linked mental retardation. Multiple transcript variants encoding different isoforms have been found for this gene.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	104.3 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	CASK calcium/calmodulin-dependent serine protein kinase (MAGUK family) [Homo sapiens]
Official Symbol	CASK
Synonyms	CAGH39; CAMGUK; CMG; FGS4; LIN2; MICPCH; MRXSNA; TNRC8
Gene ID	8573
mRNA Refseq	NM_001126054
Protein Refseq	NP_001119526
MIM	300172
UniProt ID	O14936

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