

Recombinant Human Casein Kinase 1, Alpha 1, GST-tagged

Cat. No. CSNK1A1-677H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human full length Casein Kinase 1 alpha 1 with GST tag was expressed in insect cells. MW = 66.4 kDa.
Species	Human
Source	Insect Cells
Description	Casein kinase I isoform alpha is an enzyme that in humans is encoded by the CSNK1A1 gene. Casein kinase 1, alpha 1 has been shown to interact with Centaurin, alpha 1 and AXIN1.
Formulation	Liquid in 50 mM Tris, pH 7.5 + 150 mM NaCl + 0.5 mM EDTA + 0.02% Triton X-100 + 2mM DTT + 50% glycerol.
Storage & Stability	Stable for 6 months in working aliquots at -80°C. Avoid repeated freeze-thaw cycles.
Full Length	Full L.

GENE INFORMATION

Gene Name	CSNK1A1 casein kinase 1, alpha 1 [Homo sapiens]
Synonyms	casein kinase 1, alpha 1; CK1; HLCDGP1; PRO2975; CSNK1A1; casein kinase I isoform alpha; CKI-alpha OTTHUMP00000224000; down-regulated in lung cancer; EC 2.7.11.1

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Gene ID	1452
mRNA Refseq	NM_001025105
Protein Refseq	NP_001020276
MIM	600505
UniProt ID	P48729
Chromosome Location	5q32
Pathway	Hedgehog signaling pathway; Wnt signaling pathway; Signaling by Wnt
Function	ATP binding; nucleotide binding; protein binding; protein kinase activity; protein serine/threonine kinase activity; transferase activity

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