

Product datasheet for **TP760527**

Casein Kinase 1 delta (CSNK1D) (NM_001893) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human casein kinase 1, delta (CSNK1D), transcript variant 1, full length, with N-terminal HIS tag, expressed in E.Coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding human full-length CSNK1D
Tag:	N-His
Predicted MW:	47.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	50 mM Tris-HCl, pH 8.0, 8 M urea
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_001884
Locus ID:	1453
UniProt ID:	P48730
RefSeq Size:	3714
Cytogenetics:	17q25.3
RefSeq ORF:	1245
Synonyms:	ASPS; CKI-delta; CKId; CKIdelta; FASPS2; HCKID



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Summary:

This gene is a member of the casein kinase I (CKI) gene family whose members have been implicated in the control of cytoplasmic and nuclear processes, including DNA replication and repair. The encoded protein may also be involved in the regulation of apoptosis, circadian rhythm, microtubule dynamics, chromosome segregation, and p53-mediated effects on growth. The encoded protein is highly similar to the mouse and rat CK1 delta homologs. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Feb 2014]

Protein Families:

Druggable Genome, Protein Kinase

Protein Pathways:

Circadian rhythm - mammal, Gap junction, Hedgehog signaling pathway

Product images: