

Recombinant Full Length Human CABLES1 Protein, GST-tagged

Cat. No. CABLES1-2762HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CABLES1 full-length ORF (NP_612384.1, 1 a.a. - 368 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	368 amino acids
Description	This gene encodes a protein involved in regulation of the cell cycle through interactions with several cyclin-dependent kinases. One study (PMID: 16177568) reported aberrant splicing of transcripts from this gene which results in removal of the cyclin binding domain only in human cancer cells, and reduction in gene expression was shown in colorectal cancers (PMID: 17982127). Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jan 2012]
Molecular Mass	68.3 kDa
AA Sequence	MLSKRGCHARIYADFPIRRLLISQRSSLETLEDIEENAPLRRCTRLSGSPRPKNFKKIH IKNMRQHDTRNGRIVLISGRRSFCSIFSVLPYRDSTQVGDLKLDGGRQSTGAVSLKEI IGLEGVELGADGKTVSYTQFLLPTNAFGARRNTIDSTSSFSQFRNLSHRSLSIGRASG TQGSLDTGSDLGDFMDYDPNLLDDPQWPCGKHKRVLIFFSYM TTVIDYVKPSDLKK DMNETFKEKFPHIKLTLSKIRSLKREMRKLAQEDCGLEEPTVAMAFVYFEKLALKGKL

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	NKQNRKLCAGACVLLAAKIGSDLKKHEVKHLIDKLEEKFRLNRRELIAFEFPVLVALEF ALHLPEHEVMPHYRRLVQSS
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	CABLES1 Cdk5 and Abl enzyme substrate 1 [Homo sapiens]
Official Symbol	CABLES1
Synonyms	CABLES1; Cdk5 and Abl enzyme substrate 1; CDK5 and ABL1 enzyme substrate 1; FLJ35924; HsT2563; interactor with CDK3 1; CABL1; IK3-1; CABLES;
Gene ID	91768
mRNA Refseq	NM_001100619
Protein Refseq	NP_001094089
MIM	609194

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UniProt ID

Q8TDN4

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