

## Recombinant Human CABLES1 Protein, His-tagged

Cat. No. CABLES1-2263H    Lot. No. (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
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| <b>Product Overview</b> | Recombinant human CABLES1 protein, fused to His-tagged at N-terminus, was expressed in E. coli                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Description</b>      | 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]. |
| <b>Form</b>             | 25 mM Tris, pH 8.0, 150 mM NaCl, 10% glycerol, 1% Sarkosyl.                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Molecular Mass</b>   | 41.7 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Concentration</b>    | >50 ug/mL as determined by microplate BCA method                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

### GENE INFORMATION

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|------------------------|----------------------------------------------------------|
| <b>Gene Name</b>       | CABLES1 Cdk5 and Abl enzyme substrate 1 [ Homo sapiens ] |
| <b>Official Symbol</b> | CABLES1                                                  |
| <b>Synonyms</b>        | CABL1; CABLES; HsT2563; IK3-1                            |
| <b>Gene ID</b>         | 91768                                                    |
| <b>mRNA Refseq</b>     | NM_001100619                                             |
| <b>Protein Refseq</b>  | NP_001094089                                             |
| <b>MIM</b>             | 609194                                                   |
| <b>UniProt ID</b>      | Q8TDN4                                                   |

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