

# Recombinant Full Length Human PCID2 Protein, GST-tagged

**Cat. No.** PCID2-4854HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human FLJ11305 full-length ORF ( AAH16614, 1 a.a. - 399 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                                                                            |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Source</b>           | In Vitro Cell Free System                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>ProteinLength</b>    | 399 amino acids                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Description</b>      | This gene encodes a component of the TREX-2 complex (transcription and export complex 2), which regulates mRNA export from the nucleus. This protein regulates expression of Mad2 mitotic arrest deficient-like 1, a cell division checkpoint protein. This protein also interacts with and stabilizes Brca2 (breast cancer 2) protein. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2016]     |
| <b>Molecular Mass</b>   | 69.63 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>AA Sequence</b>      | MAHITINQYLQQVYEAIIDSRDGASCAELVSFKHPHVANPRLQMASPEEKCCQQVLEPP<br>YDEMFAAHLRCTYAVGNHDFIEAYKCQTVIVQSFLRAFQAHKEENWALPVMYAAVAL<br>DLRVFANNADQQQLVKKGKSKVGDMLEKAAELLMSCFRVCASDTRAGIEDSKKWGM<br>LFLVNQLLKIYFKINKLHLCKPLIRAIDSSNLKDDYSTAQRVTYKYYVGRKAMFDSDFK<br>QAEEYLSFAFEHCHRSSQKNRMILIYLLPVKMLLGHMPTVELLKKYHLMQFAEVTR<br>AVSEGNLLLLHEALAKHEAFFIRCGIFLILEKLKIITYRNLFKKVYLLLKTHQLSLDAFLV<br>ALKFMQVEDVDIDEVQCILANLIYMGHVKGYSVSHQHQLVSKQNPFPLSTVC |

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|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>Antibody Production<br>Protein Array                                     |
| <b>Notes</b>            | Best use within three months from the date of receipt of this protein.                                                                                |
| <b>Storage</b>          | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.                                                                              |
| <b>Storage Buffer</b>   | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.                                                                              |
| <b>GENE INFORMATION</b> |                                                                                                                                                       |
| <b>Gene Name</b>        | PCID2 PCI domain containing 2 [ Homo sapiens ]                                                                                                        |
| <b>Official Symbol</b>  | PCID2                                                                                                                                                 |
| <b>Synonyms</b>         | PCID2; PCI domain containing 2; PCI domain-containing protein 2; FLJ11305; CSN12-like protein; F10; RP11-98F14.6; FLJ99362; MGC16774; DKFZp686C20226; |
| <b>Gene ID</b>          | 55795                                                                                                                                                 |
| <b>mRNA Refseq</b>      | NM_001127202                                                                                                                                          |
| <b>Protein Refseq</b>   | NP_001120674                                                                                                                                          |
| <b>MIM</b>              | 613713                                                                                                                                                |
| <b>UniProt ID</b>       | Q5JVF3                                                                                                                                                |

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