

# Recombinant Full Length Human HECTD2 Protein, GST-tagged

**Cat. No.** HECTD2-3459HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human HECTD2 full-length ORF ( NP_775768.1, 1 a.a. - 207 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>    | 207 amino acids                                                                                                                                                                                                                                                                                                                                    |
| <b>Description</b>      | HECTD2 (HECT Domain E3 Ubiquitin Protein Ligase 2) is a Protein Coding gene. Among its related pathways are Innate Immune System and Class I MHC mediated antigen processing and presentation. GO annotations related to this gene include ligase activity and ubiquitin-protein transferase activity. An important paralog of this gene is UBE3A. |
| <b>Molecular Mass</b>   | 48.7 kDa                                                                                                                                                                                                                                                                                                                                           |
| <b>AA Sequence</b>      | MSEAVRVSPATPLVVAAAPEERKGKESEREKLPPIVSAGAGATAGLDRGAKGQIS<br>TFSSFISAVSPKKEAAENRSSPAHLVFPNIKNVREPPPICLDVRQKQRTSMDASSSE<br>MKAPVLPEPILPIQPKTVKDFQEDVEKVKSSGDWKAVHDFYLTTFDSFPELNAAFKK<br>DATASFNTIEDSGINAKFVNAVYDTLLNTVSIMTCK                                                                                                                          |
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>Antibody Production                                                                                                                                                                                                                                                   |

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### Protein Array

|                       |                                                                          |
|-----------------------|--------------------------------------------------------------------------|
| <b>Notes</b>          | Best use within three months from the date of receipt of this protein.   |
| <b>Storage</b>        | Store at -8 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. |

## GENE INFORMATION

|                        |                                                                                                                                                                                            |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | HECTD2 HECT domain containing E3 ubiquitin protein ligase 2 [ Homo sapiens ]                                                                                                               |
| <b>Official Symbol</b> | HECTD2                                                                                                                                                                                     |
| <b>Synonyms</b>        | HECTD2; HECT domain containing E3 ubiquitin protein ligase 2; HECT domain containing 2; probable E3 ubiquitin-protein ligase HECTD2; FLJ37306; HECT domain-containing protein 2; FLJ16050; |
| <b>Gene ID</b>         | 143279                                                                                                                                                                                     |
| <b>mRNA Refseq</b>     | NM_173497                                                                                                                                                                                  |
| <b>Protein Refseq</b>  | NP_775768                                                                                                                                                                                  |
| <b>UniProt ID</b>      | Q5U5R9                                                                                                                                                                                     |

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