

## Recombinant Mouse Ido2 Protein, Myc/DDK-tagged

**Cat. No.** Ido2-3475M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                  |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Purified recombinant protein of mouse full-length indoleamine 2,3-dioxygenase 2 (Ido2), with C-terminal MYC/DDK tag, expressed in HEK293T cells. |
| <b>Species</b>          | Mouse                                                                                                                                            |
| <b>Source</b>           | HEK293                                                                                                                                           |
| <b>Description</b>      | Catalyzes the first and rate-limiting step in the kynurenine pathway of tryptophan catabolism. Involved in immune regulation.                    |
| <b>Molecular Mass</b>   | 44.4 kDa                                                                                                                                         |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                      |
| <b>Stability</b>        | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.    |
| <b>Storage</b>          | Store at -80 centigrade after receiving vials.                                                                                                   |
| <b>Concentration</b>    | >50 µg/mL as determined by microplate BCA method                                                                                                 |
| <b>Storage Buffer</b>   | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.                                                                                            |

### GENE INFORMATION

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|                        |                                                                                                                                                                               |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | Ido2 indoleamine 2,3-dioxygenase 2 [ Mus musculus (house mouse) ]                                                                                                             |
| <b>Official Symbol</b> | Ido2                                                                                                                                                                          |
| <b>Synonyms</b>        | IDO2; indoleamine 2,3-dioxygenase 2; indoleamine 2,3-dioxygenase-like protein 1; indoleamine-pyrrole 2,3 dioxygenase-like 1; Ido-2; Indol1; AI265623; C230043N17Rik; MGC31194 |
| <b>Gene ID</b>         | 209176                                                                                                                                                                        |
| <b>mRNA Refseq</b>     | NM_145949                                                                                                                                                                     |
| <b>Protein Refseq</b>  | NP_666061                                                                                                                                                                     |
| <b>UniProt ID</b>      | Q8R0V5                                                                                                                                                                        |

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