

## Recombinant Rat Ido2 Protein, His-tagged

**Cat. No.** Ido2-1645R    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rat Ido2 Protein (Val106-Ser190) with N-His tag was expressed in E. coli.
<b>Species</b>	Rat
<b>Source</b>	E.coli
<b>ProteinLength</b>	Val106-Ser190
<b>Description</b>	Predicted to enable indoleamine 2,3-dioxygenase activity and tryptophan 2,3-dioxygenase activity. Predicted to be involved in 'de novo' NAD biosynthetic process from tryptophan and tryptophan catabolic process to kynurenine. Predicted to be active in cytoplasm. Orthologous to human IDO2 (indoleamine 2,3-dioxygenase 2).
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 10.7 kDa
<b>Purity</b>	> 95%
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.
<b>Stability</b>	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

less than 5% within the expiration date under appropriate storage condition.

**Storage**

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

**Storage Buffer**

PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

**Reconstitution**

Reconstitute in PBS or others.

## GENE INFORMATION

**Gene Name**

[Ido2 indoleamine 2,3-dioxygenase 2 \[ Rattus norvegicus \(Norway rat\) \]](#)

**Official Symbol**

[Ido2](#)

**Synonyms**

IDO2; indoleamine 2,3-dioxygenase 2; Indol1;

**Gene ID**

[681319](#)

**mRNA Refseq**

[XM\\_039095215](#)

**Protein Refseq**

[XP\\_038951143](#)

**UniProt ID**

[F1LV46](#)

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