

Recombinant Rat Ido2 Protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Rat Ido2 Protein (Val106-Ser190) with N-His tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Val106-Ser190
Description	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).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 10.7 kDa
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	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

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	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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