

## Recombinant Human IDO1, None tagged

Cat. No. IDO1-7325H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human IDO1 (P14902) (Met1-Gly403), fused with two additional amino acids (Gly & Pro) at the N-terminus, was produced in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-403 a.a.
<b>Form</b>	Lyophilized from a 0.2µm filtered solution of 50mM NaAC, 100mM NaCl, 20% glycerol, pH 5.5
<b>Molecular Mass</b>	The recombinant human IDO1 consists of 405 amino acids and predicts a molecular mass of 45.2 KDa. It migrates as an approximately 42 KDa band in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 eu per µg of the protein as determined by the LAL method.
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -70oC.
<b>Storage</b>	Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4°C before opening to recover the entire contents.

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## GENE INFORMATION

**Gene Name** IDO1 indoleamine 2,3-dioxygenase 1 [ Homo sapiens ]

**Official Symbol** IDO1

**Gene ID** 3620

**mRNA Refseq** NM\_002164

**Protein Refseq** NP\_002155

**MIM** 147435

**UniProt ID** P14902

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