

## Recombinant Human IDO2

Catalog No: #GP12362



Package Size: #GP12362-1 100ug

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## Description

Product Name	Recombinant Human IDO2
Brief Description	Recombinant Protein
Immunogen Description	Full length fusion protein
Target Name	indoleamine 2,3-dioxygenase 2
Other Names	INDOL1
Accession No.	Swissprot:Q6ZQW0Gene Accession:BC113496
Uniprot	Q6ZQW0
GeneID	169355;
Storage	-20~-80°C, pH 7.6 PBS

## Background

INDOL1 is also known as IDO2 (indoleamine 2,3-dioxygenase 2) and is a 407 amino acid protein that is expressed in various tissues, including liver, small intestine, spleen, placenta, thymus, lung, brain, kidney, colon and dendritic cells. INDOL1 is selectively inhibited by D-1MT (1-methyl-d-tryptophan), which also inhibits IDO (indoleamine 2,3-dioxygenase) and is significant because IDO expression causes suppression of T cell responses to tumors in dendritic cells. The inhibition of INDOL1 by D-1MT suggests a common function in immunomodulation. In the human INDOL1 gene, two single nucleotide polymorphisms have been detected which abolish the enzymatic function of INDOL1.

## References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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