

Recombinant Human IDO2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. IDO2-5968H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	IDO2 MS Standard C13 and N15-labeled recombinant protein (NP_919270) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	Along with the enzymes encoded by the INDO and TDO2 genes, the enzyme encoded by the INDOL1 gene metabolizes tryptophan in the kynurenine pathway.
Molecular Mass	46.9 kDa
AA Sequence	MLHFHYDYDTSNKIMEPHRPNVKTAVPLSLESYHISEEYGFLLPDSLKELPDHYRPWM EIANKLPLQIDAHLQAHDVKMPLLSCQFLKGHREQRLAHLVLSFLTMGYVWQEGE AQPAEVLPRNLALPFVEVSRNLGLPPILVHSDLVLTNWTKKDPDGFLEIGNLETIISFP GGESLHGFI LVTALVEKEAVPGIKALVQATNAILQPNQEALLQALQRLRLSIQDITKTL GQMHDYVDPDIFYAGIRIFLSGWKDNPAMPAGLMYEGVSQEPLKYSGGSAAQSTVL HAFDEFLGIRHSKESGDFLYRMRDYMPPSHKAFIEDIHSAPSLRDYILSSGQDHLTA YNQCVQALAE LRSYHITMVT KYLITAAAKAKHGKPNHLP GPPQALKDRGTGGTAVM SFLKSVRDKTLESILHPRGTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling

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conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name IDO2 indoleamine 2,3-dioxygenase 2 [Homo sapiens (human)]

Official Symbol IDO2

Synonyms IDO2; indoleamine 2,3-dioxygenase 2; INDOL1, indoleamine pyrrole 2,3 dioxygenase like 1; IDO-2; indoleamine 2,3-dioxygenase-like 1 protein; indoleamine 2,3-dioxygenase-like protein 1; indoleamine-pyrrole 2,3 dioxygenase-like 1; indoleamine-pyrrole 2,3-dioxygenase-like protein 1; INDOL1;

Gene ID 169355

mRNA Refseq NM_194294

Protein Refseq NP_919270

MIM 612129

UniProt ID Q6ZQW0

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