

Recombinant Full Length Human IDO2 Protein, C-Flag-tagged

Cat. No. IDO2-1929HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human IDO2 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	Along with the enzymes encoded by the INDO (MIM 147435) and TDO2 (MIM 191070) genes, the enzyme encoded by the INDOL1 gene metabolizes tryptophan in the kynurenine pathway.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	46.9 kDa
AA Sequence	MLHFHYDDTSNKIMEPHRPNVKTAVPLSLESYHISEEYGFLLPDSLKELPDHYRPWM EIANKLPLQIDAH QLQAHVDKMPDLLSCQFLKGHREQLAHLVLSFLTMGYVWQEGE AQPAEVLPRNLALPFVEVSRNLGLPPI LVHSDLVLTNWTKKDPDGFLEIGNLETIISFP GGESLHGFI LVTALVEKEAVPGIKALVQATNAILQPNQ EALLQALQRLRLSIQDITKTL GQMHDYVDPDIFYAGIRIFLSGWKDNPAMPAGLMYEGVSQEPLKYSGGS AAQSTV LHAFDEFLGIRHSKESGDFLYRMRDYMPPSHKAFIEDIHSAPSLRDYILSSGQDHLLT AYNQCV QALAE LRSYHITMVT KYLITAAAKAKHGKPNHLP GPPQALKDRGTGGTAV MSFLKSVRDKTLESILHPRG TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.

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Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Pathways	Metabolic pathways, Tryptophan metabolism
Full Length	Full L.

GENE INFORMATION

Gene Name	IDO2 indoleamine 2,3-dioxygenase 2 [Homo sapiens (human)]
Official Symbol	IDO2
Synonyms	INDOL1
Gene ID	169355
mRNA Refseq	NM_194294.5
Protein Refseq	NP_919270.3
MIM	612129
UniProt ID	Q6ZQW0

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Coomassie blue staining of purified IDO2 protein.

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