

Recombinant Human IDO2 protein, His-SUMO-tagged

Cat. No. IDO2-3065H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IDO2 protein(Q6ZQW0)(14-420aa), fused to N-terminal His tag and SUMO tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	14-420aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	61.4 kDa
AA Sequence	MEPHRPNVKTAVPLSLESYHISEEYGFLLPDSLKELPDHYRPWMEIANKLPQLIDAH QLQAHVDKMPLLSCQFLKGHREQRLAHLVLSFLTMGYVWQEGEAQPAEVLPRNLA LPFVEVSRNLGLPPILVHSDLVLTNWTKKDPDGFLEIGNLETIISFPGGESLHGFILVTA LVEKEAVPGIKALVQATNAILQPNQEALLQALQRLRLSIQDITKTLGQMHDYVDPDIFY AGIRIFLSGWKDNPAMPAGLMYEGVSQEPLKYSGGSAAQSTVLHAFDEFLGIRHSK ESGDFLYRMRDYMPPSHKAFIEDIHSAPSLRDYILSSGQDHLLTAYNQCVQALAE LR SYHITMVT KYLITAAAKAKHGKPNHLP GPPQALKDRGTGGTAVMSFLKSVRDKTLES I LHPRG

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Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION

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