

Recombinant Human IDO2 Protein (14-420 aa), His-tagged

Cat. No. IDO2-1420H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IDO2 Protein (14-420 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Metabolism. Protein Description: Partial.
Species	Human
Source	Yeast
ProteinLength	14-420 aa
Description	Catalyzes the first and rate-limiting step in the kynurenine pathway of tryptophan catabolism.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	47.4 kDa
AA Sequence	MEPHRPNVKTAVPLSLESYHISEEYGFLLPDSLKELPDHYRPWMEIANKLPQLIDAH QLQAHVDKMPLLSCQFLKGHREQLAHLVLSFLTGMGYVWQEGEAQPAEVLPRNLA LPFVEVSRNLGLPPILVHSDLVLTNWTKKDPDGFLEIGNLETIISFPGGESLHGFIIVTA LVEKEAVPGIKALVQATNAILQPNQEALLQALQRLRLSIQDITKTLGQMHDYVDPDIFY AGIRIFLSGWKDNPAMPAGLMYEGVSQEPLKYSGGSAAQSTVLHAFDEFLGIRHSK ESGDFLYRMRDYMPPSHKAFIEDIHSAPSLRDYILSSGQDHLTAYNQCVQALAEIR SYHITMVTKYLTAAAKAKHGKPNHLPGPPQALKDRGTGGTAVMSFLKSVRDKTLESI LHPRG

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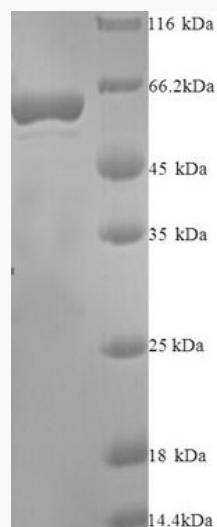
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Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with reconstitution instruction is sent along with the products.
GENE INFORMATION	
Gene Name	IDO2 indoleamine 2,3-dioxygenase 2 [Homo sapiens]
Official Symbol	IDO2
Synonyms	IDO2; IDO-2; INDOL1;
Gene ID	169355
mRNA Refseq	NM_194294
Protein Refseq	NP_919270
MIM	612129
UniProt ID	Q6ZQW0

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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