

Active Recombinant Human IDO1 Protein, His tagged

Cat. No. IDO1-20H Lot. No. (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human IDO1 Protein with His tag was expressed in E. coli.
Species	Human
Source	E.coli
Form	Liquid. 0.2µm-filtered solution in 10mM Tris, pH 7.5, containing 100mM NaCl and 20% glycerol.
Bio-activity	Specific Activity: > 100000 U/mg protein with L-tryptophan as substrate (activity assay with catalase). One unit is defined as the amount of enzyme that produces 1 nmol of N-formylkynurenine (NFK) per hour.
Molecular Mass	~47kDa (SDS-PAGE)
Endotoxin	< 0.10 EU/µg of the protein by the LAL method.
Purity	≥ 90% (SDS-PAGE)
Storage	Short Term Storage: -20 centigrade; Long Term Storage: -80 centigrade. Stable for at least 1 year after receipt when stored at -80 centigrade. After opening, prepare aliquots and store at -80 centigrade. Avoid freeze/thaw cycles.

GENE INFORMATION

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Gene Name	IDO1 indoleamine 2,3-dioxygenase 1 [Homo sapiens (human)]
Official Symbol	IDO1
Synonyms	IDO1; indoleamine 2,3-dioxygenase 1; IDO, INDO, indoleamine pyrrole 2,3 dioxygenase; indole 2,3-dioxygenase; indolamine 2,3 dioxygenase; indoleamine-pyrrole 2,3-dioxygenase; IDO; INDO; IDO-1;
Gene ID	3620
mRNA Refseq	NM_002164
Protein Refseq	NP_002155
MIM	147435
UniProt ID	P14902

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