

Recombinant Human IDO1 Protein (1-403 aa), His-tagged

Cat. No. IDO1-1419H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IDO1 Protein (1-403 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Cardiovascular. Protein Description: Full Length.
Species	Human
Source	Yeast
ProteinLength	1-403 aa
Description	Catalyzes the cleavage of the pyrrol ring of tryptophan and incorporates both atoms of a molecule of oxygen.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	47.3 kDa
AA Sequence	MAHAMENSWTISKEYHIDEEVGFALPNPQENLPDFYNDWMFIAKHLPDLIESGQLRE RVEKLNMLSIDHLTDHKSQRLARLVLCITMAYVWGKGHDVRKVLPRNIAVPYCQL SKKLELPPILVYADCVLANWKKKDPNKPLTYENMDVLFSFRDGDGCSKGFFLVSLLEI AAASAIKVIPTVFKAMQMQRDRTLKALLEIASCLEKALQVFHQIHDHVNPKAFFSVLR IYLSGWKGNPQLSDGLVYEGFWEDPKEFAGGSAGQSSVFQCFDVLGIIQQTAGGG HAAQFLQDMRRYMPPAHRNFLCSLESNPSVREFVLSKGDAGLREAYDACVKALVSL RSYHLQIVTKYILIPASQQPKENKTSKLEAKGTGGTDLNFKLTVRSTTEKSL KEG

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

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