

# Recombinant Human IDO1 Protein, His-tagged, FITC conjugated

**Cat. No.** IDO1-3920HF    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	FITC conjugated recombinant human IDO1 (P14902-1) (Ala 2-Gly 403), fused with a polyhistidine tag at the N-terminus, was produced in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	409
<b>Form</b>	Lyophilized
<b>Molecular Mass</b>	The recombinant human IDO1 consisting of 409 amino acids and has a calculated molecular mass of 46 kDa. It migrates as an approximately 44 kDa band in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 EU/ µg of the protein as determined by the LAL method.
<b>Characteristic</b>	Disulfide-linked homodimer Labeled with FITC via amines Excitation source: 488 nm spectral line, argon-ion laser Excitation Wavelength: 488 nm Emission Wavelength: 535 nm
<b>Stability</b>	Samples are stable for up to 12 months from date of receipt at -70 centigrade.

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Storage</b>	Store it under sterile conditions at -20 to -70 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Storage Buffer</b>	Lyophilized from sterile 50 mM Tris, 0.15M NaCl, 10% glycerol, pH 8.0
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4 centigrade before opening to recover the entire contents.
<b>Conjugation</b>	FITC

## GENE INFORMATION

<b>Gene Name</b>	IDO1 indoleamine 2,3-dioxygenase 1 [ Homo sapiens ]
<b>Official Symbol</b>	IDO1
<b>Gene ID</b>	3620
<b>mRNA Refseq</b>	NM_002164
<b>Protein Refseq</b>	NP_002155
<b>MIM</b>	147435
<b>UniProt ID</b>	P14902

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA