Recombinant Human IDO1 Protein, His-tagged, Alexa Fluor 488 conjugated

Cat. No. IDO1-3920HAF488 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Alexa Fluor 488 conjugated recombinant human IDO1 (P14902-1) (Ala 2-Gly 403), fused with a polyhistide tag at the N-terminus, was produced in E. coli.
Species	Human
Source	E.coli
ProteinLength	409
Form	Lyophilized
Molecular Mass	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.
Endotoxin	< 1.0 EU/ μg of the protein as determined by the LAL method.
Characteristic	Disulfide-linked homodimer Labeled with Alexa Fluor 488 via amines Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
Stability	Samples are stable for up to 12 months from date of receipt at -70 centigrade.

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Storage	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.
Storage Buffer	Lyophilized from sterile 50 mM Tris, 0.15M NaCl, 10% glycerol, pH 8.0
Reconstitution	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.
Conjugation	Alexa Fluor 488

GENE INFORMATION

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

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