

Recombinant Human IDO1 Protein, Gly/Pro-tagged, Alexa Fluor 555 conjugated

Cat. No. IDO1-7325HAF555 **Lot. No.** (See product label)

SPECIFICATION

Product Overview Alexa Fluor 555 conjugated recombinant human IDO1 (P14902) (Met1-Gly403), fused with two additional amino acids (Gly & Pro) at the N-terminus, was produced in E. coli.

Species Human

Source E.coli

ProteinLength 405

Form Lyophilized

Molecular Mass The recombinant human IDO1 consists of 405 amino acids and predicts a molecular mass of 45.2 kDa. It migrates as an approximately 42 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 555 via amines
 With an excitation and emission maximum of 555/565 nm, Alexa Fluor 555 can be efficiently excited using a 543 nm He-Ne laser line and detected under standard TRITC/Cy3 filters.

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Stability	Samples are stable for up to 12 months from date of receipt at -70 centigrade.
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 a 0.2 µm filtered solution of 50 mM NaAC, 100 mM NaCl, 20% glycerol, pH 5.5
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 555

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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