

Active Recombinant Human IDO1 protein

Cat. No. IDO1-7190H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human IDO1 protein(NP_002155.1)(Ala2-Gly403) was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Ala2-Gly403
Form	Supplied as sterile 50 mM NaAC, 100 mM NaCl, 20 % glycerol, pH 5.5.Please contact us for any concerns or special requirements.Please refer to the specific buffer information in the hard copy of CoA.
Bio-activity	Measured by its ability to oxidize L-tryptophan to N-formylk-ynurenine.The specific activity is > 500 pmoles/min/μg.
Molecular Mass	The recombinant human IDO1 consists of 403 amino acids and predicts a molecular mass of 45.2 KDa. It migrates as an approximately 46 KDa band in SDS-PAGE under reducing conditions.
Purity	> 85 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name IDO1 indoleamine 2,3-dioxygenase 1 [Homo sapiens]

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

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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