

Indoleamine-2,3-Dioxygenase (IDO) Recombinant Protein | IDO recombinant protein

Recombinant Indoleamine-2,3-Dioxygenase (IDO)

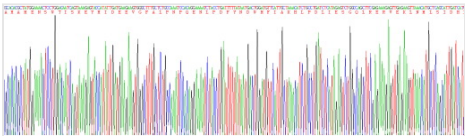
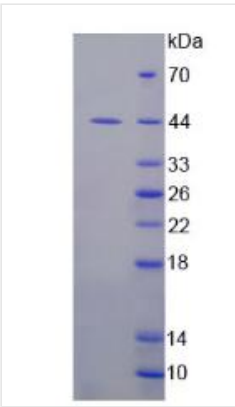
CATALOG # AAA20237	HOST E.coli	REACTIVITY Homo sapiens (Human)	APPLICATIONS SDS-Page, Western Blot
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PRODUCT SYNONYMS

Indoleamine-2; 3-Dioxygenase (IDO); Recombinant Indoleamine-2; IDO recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Homo sapiens (Human)
Purity/Purification	> 97%
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose .
Concentration	Original Concentration: 400ug/mL (varies by lot)
Applicable Applications for IDO recombinant protein	Positive Control, Immunogen, SDS-PAGE, WB (Western Blot)
Application Notes	(May be suitable for use in other assays to be determined by the end user.)
Source	Prokaryotic expression
Residues	Ala2~Gly403
Tags	N-terminal His Tag
Subcellular Location	Secreted
Traits	Freeze-dried powder
Predicted isoelectric point	6.8
Usage	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.



Identification
Gene Sequencing (Extract)

SDS-PAGE

AHAMENSWT ISKEYHIDEE VGFALPNPQE NLPDFYNDWM FIAKHLPDLI
ESGQLRERVE KLNLSIDHLE TDHKSQRLAR LVLGCITHAY VWGKGHGQVR
KVLPRNIAVP YCQLSKKLEL PPILVYADCV LANWKKKDPH KPLTYENMDV
LFSFRDGDGS KGFLLVSLLV EIAAASAIAKV IPTVFKAHQM QERDTLLKAL
LEIASCLEKA LQVFHQIHDH VNPKAFFSVL RIYLSGWKGN PQLSDGLVYE
GFWEDPKFEA GGSAGQSSVF QCFDVLGLIQ QTAGGGHAAQ FLQDMRRYMP
PAHRNFLCSL ESNPSVREFV LSKGDAGLRE AYDACVKALV SLRSYHLQTV
TKYILIPASQ QPKENKTSED PSKLEAKGTG GTDLMNFKLT VRSTTEKSLI
KEG

Sequence Information

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504577
NCBI GeneID	3620
NCBI Accession #	NP_002155.1
NCBI GenBank Nucleotide #	NM_002164.5
UniProt Accession #	P14902; Q540B4
Molecular Weight	Predicted Molecular Mass: 46.7kDa Accurate Molecular Mass: 43kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	indoleamine 2,3-dioxygenase 1
NCBI Official Synonym Full Names	indoleamine 2,3-dioxygenase 1
NCBI Official Symbol	IDO1
NCBI Official Synonym Symbols	IDO; INDO; IDO-1
NCBI Protein Information	indoleamine 2,3-dioxygenase 1; indole 2,3-dioxygenase; indolamine 2,3 dioxygenase; indoleamine-pyrrole 2,3-dioxygenase
UniProt Protein Name	Indoleamine 2,3-dioxygenase 1
UniProt Gene Name	IDO1
UniProt Synonym Gene Names	IDO; INDO; IDO-1
UniProt Entry Name	I23O1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.