

Tryptophan 2,3-dioxygenase Recombinant Protein | Tdo2 recombinant protein

Recombinant Rat Tryptophan 2,3-dioxygenase(Tdo2)

CATALOG # AAA113653	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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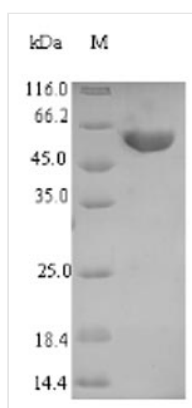
PRODUCT SYNONYMS

Tryptophan 2; 3-dioxygenase; Recombinant Rat Tryptophan 2; 3-dioxygenase(Tdo2); Tryptamin 2; Tryptophan oxygenase; Tryptophan pyrrolase; Tryptophanase; Tdo2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-406aa; Full Length
Sequence	MSGCPFSGNS VGYTLKNLSM EDNEEDGAQT GVNASKGGL IYGDYLQLEK ILNAQELQSE IKGNKIHDEH LFIITHQAYE LWFKQILWEL DSVREIFQNG HVRDERNMLK VMTRMHRVVV IFKLLVQQFS VLETMTALDF NDFREYLSPA SGFQSLQFRL LENKIGVLQS LRVYPYNRKHY RDNFEGDYNE LLLKSEQEQT LLQLVEAWLE RTPGLEPHGF NFWGKFEKNI LKGLEEEFLK IQAKKDSEK EEQMAEFRKQ KEVLLCLFDE KRHDYLLSKG ERRLSYRALQ GALMIYFYRE EPRFQVPFQL LTSMDIDL MTKWRYNHVC MVHRMLGSKA GTGGSSGYYY LRSTVSDRYK VFVDLFNLSS YLVPRHWIPK MNPIHKFLY TAEYSDSSYF SSDES
Sequence Length	406
Species	Rat
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for Tdo2 recombinant protein	Incorporates oxygen into the indole moiety of tryptophan. Has a broad specificity towards tryptamine and derivatives including D- and L-tryptophan, 5-hydroxytryptophan and serotonin.
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Product Categories/Family for Tdo2 recombinant protein	Metabolism
References	"Nucleotide sequence of a fragment of the rat tryptophan oxygenase gene showing high affinity to glucocorticoid receptor in vitro." Merkulov V.M., Merkulova T.I. Biochim. Biophys. Acta 1132:100-102(1992)

NCBI AND UNIPROT INFORMATION

NCBI GI #	11693136
NCBI GeneID	64206
NCBI Accession #	NP_071798.1
NCBI GenBank Nucleotide #	NM_022403.2
UniProt Accession #	P21643; Q5EBC2; Q6LBW3
Molecular Weight	63.9 kDa
NCBI Official Full Name	tryptophan 2,3-dioxygenase
NCBI Official Synonym Full Names	tryptophan 2,3-dioxygenase
NCBI Official Symbol	Tdo2
NCBI Official Synonym Symbols	TO; Tdo
NCBI Protein Information	tryptophan 2,3-dioxygenase
UniProt Protein Name	Tryptophan 2,3-dioxygenase
UniProt Gene Name	Tdo2
UniProt Synonym Gene Names	Tdo; TDO; TO; TRPO
UniProt Entry Name	T23O_RAT

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.

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Online datasheet: <https://stage.aaabiotech.com/tdo2-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/113653>