

Product datasheet

Recombinant Human TDO2/TDO protein ab204162

1 Image

Description

Product name	Recombinant Human TDO2/TDO protein	
Purity	> 95 % Densitometry.	
Expression system	Baculovirus infected Sf9 cells	
Accession	P48775	
Protein length	Full length protein	
Animal free	No	
Nature	Recombinant	
Species	Human	
Sequence	<p>MSGCPFLGNFNGYTFKKLPVEGSEEDKSQTGVNRASKG GLIYGNYLHLEK VLNAQELQSETKGNKIHDEHLFIITHQAYELWFKQILWELDS VREIFQNG HVRDERNMLKVSRMHRVSVILKLLVQQFSILETMTALDF NDFREYLSPA SGFQSLQFRLLENKIGVLQNMVRVPYNRRHYRDNFKGEEN ELLLKSEQEKT LLELVEAWLERTPGLEPHGFNFWGKLEKNITRGLEEEFIRI QAKEESEEK EEQVAEFQKQKEVLLSLFDEKRHEHLLSKGERRLSYRAL QGALMIYFYRE EPRFQVPFQLLTSMDIDSLMTKWRYNHVCMVHRMLGSK AGTGGSSGYHY LRSTVSDRYKVFVDLFDLNLSTYLIPRHWIPKMNPTIHKFLYTA EYCDSSYF SDESD</p>	
Predicted molecular weight	48 kDa	
Amino acids	1 to 406	
Tags	GST tag N-Terminus	
Additional sequence information	NM_005651.	

Specifications

Our [Abpromise guarantee](#) covers the use of **ab204162** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE Western blot
Form	Liquid
Additional notes	This product was previously labelled as TDO2

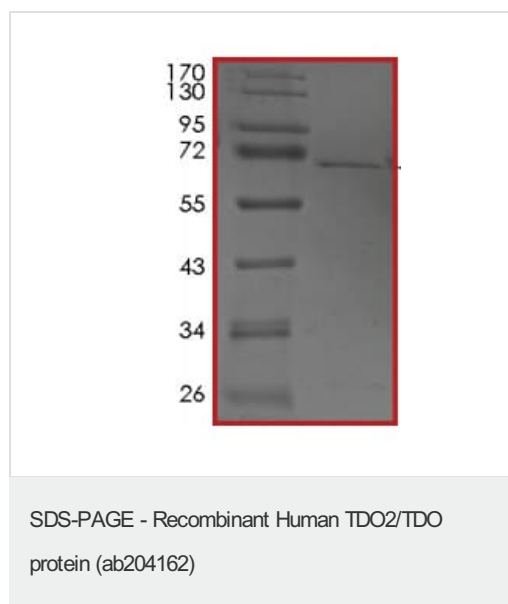
Preparation and Storage

Stability and Storage	Shipped on Dry Ice. Upon delivery aliquot. Store at -80°C. Avoid freeze / thaw cycle. pH: 7.50 Constituents: 0.79% Tris HCl, 0.29% Sodium chloride, 0.31% Glutathione, 0.003% EDTA, 0.004% DTT, 0.002% PMSF, 25% Glycerol (glycerin, glycerine)
------------------------------	---

General Info

Function	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.
Pathway	Amino-acid degradation; L-tryptophan degradation via kynurenine pathway; L-kynurenine from L-tryptophan: step 1/2.
Sequence similarities	Belongs to the tryptophan 2,3-dioxygenase family.

Images



SDS-PAGE analysis of ab204162.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors