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Datasheet for ABIN5710470

TDO2 Protein (AA 1-406, full length) (His-SUMO Tag)

1 Image

Overview

Quantity:	100 µg
Target:	TDO2
Protein Characteristics:	full length, AA 1-406
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This TDO2 protein is labelled with His-SUMO Tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	<p>MSGCPFLGNN FGYTFKCLPV EGSEEDKSQT GVNRASKGGL IYGNYLHLEK VLNAQELQSE TKGNKIHDEH LFIITHQAYE LWFKQILWEL DSVREIFQNG HVRDERNMLK VVSRMHRVSV ILKLLVQQFS ILETMTALDF NDFREYLSPA SGFQSLQFRL LENKIGVLQN MRVPYNRRHY RDNFKGEENE LLLKSEQEK LLELVEAWLE RTPGLEPHGF NFWGKLEKNI TRGLEEEFIR IQAKEESEEK EEQVAEFQKQ KEVLLSLFDE KRHEHLLSKG ERRLSYRALQ GALMIYFYRE EPRFQVPFQL LTSLMDIDSL MTKWRYNHVC MVHRMLGSKA GTGGSSGYHY LRSTVSDRYK VFDLFLNLST YLIPRHWPIC MNPTIHKFLY TAEYCDSSYF SDESD</p>
Purification:	SDS-PAGE
Purity:	> 90 %

Target Details

Target:	TD02
Alternative Name:	T230 (TD02 Products)
Background:	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 .
Molecular Weight:	63.8 kDa
UniProt:	P48775

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.1-2 mg/mL
Buffer:	20 mM Tris-HCl based buffer, pH 8.0
Storage:	-80 °C,4 °C,-20 °C
Storage Comment:	Store at -20°C, for extended storage, conserve at -20°C or -80°C. Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Images



SDS-PAGE

Image 1.