Datasheet for ABIN7588452

ALOX12B Protein (AA 1-701) (His tag)

Go to Product page

Overview

Quantity:	100 µg
Target:	ALOX12B
Protein Characteristics:	AA 1-701
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This ALOX12B protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MATYKVKVAT GTDFFSGTLD SISLTIVGTQ GESHKQRLNH FGRDFATGAV DDYTVQCQQD LGELIIIRLH KEPHSFLPKD PWYCNYVQIC APNCRVYHFP AYQWMDGYET LSLREATGKT TADDTLPILL EHRQEEIRAK KDFYHWRVFV PGLPNYVDIP SYHPPPRRCR NPNRPEWNGY IPGFPILINI KATRFLNLNL RFSFVKTASF FYRLGPMALA FKLRGLVDRK RSWKRLKDIK NIFPATKTVV SEYVAEHWTE DSFFGYQYLN GINPGHIRRC MQIPDKFPVT DEMVAPFLGE GTCLQAELEK GNIYLADYRI LDGIPTVELN GQKQHHCAPI CLLHFGPDGN MMPIAIQLSQ TPGPDCPIFL PNDSEWDWLL AKTWVRYAEF YSHEAVAHLL ESHLIGEAFC LALLRNLPMC HPLYKLLIPH TRYNVQINSI GRALLLNKGG LSARAMSLGL EGFAQVMVRG LSELTYKSLC IPNDFVERGV QDLPGYYFRD DSLAVWYAME RYVTEIITYY YPNDAAVEGD PELQCWVQEI FKECLLERES SGFPTCLRTV PELIEYVTMV MYTCSARHAA VNTGQLEYTS WMPNFPSSMR NPPMQSKGLT TLQTFMDTLP DVKTTCIVLL VLWTLCREPD DRRPLGHFPD IHFVEEAPRR SMEAFRQNLN QISHNIRQRN KCLNLPYYYL DPVLIENSIS I

Product Details

Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

Target Details

Target:	ALOX12B
Alternative Name:	Arachidonate 12-lipoxygenase, 12R-type (Alox12b) (ALOX12B Products)
Background:	Recommended name: Arachidonate 12-lipoxygenase, 12R-type. Short name= 12R-LOX. Short name= 12R-lipoxygenase. EC= 1.13.11.-. Alternative name(s): Epidermis-type lipoxygenase 12
UniProt:	Q2KMM4
Pathways:	Cell-Cell Junction Organization

Application Details

Comment:	The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modificated such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Concentration:	0.2-2 mg/mL

Handling

Buffer:	Tris-based buffer, 50 % glycerol
Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week
Storage:	-20 °C
Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.