Datasheet for ABIN7583430

ALOX5 Protein (AA 1-673) (His tag)

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Overview

Quantity:	100 µg
Target:	ALOX5
Protein Characteristics:	AA 1-673
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This ALOX5 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MPSYTVTVAT GSQWFAGTDD YIYLSLIGSA GCSEKHLLDK AFYNDFERGG RDSYDVTVDE ELGEIYLVKI EKRKYRLHDD WYLKYITLKT PHDYIEFPCY RWITGEGEIV LRDGCAKLAR DDQIHILKQH RRKELETRQK QYRWMEWNPG FPLSIDAKCH KDLPRDIQFD SEKGVDFVLN YSKAMENLFI NRFMHMFQSS WHDFADFEKI FVKISNTISE RVKNHWQEDL MFGYQFLNGC NPVLIKRCTE LPKKLPVTTE MVECSLERQL SLEQEVQEGN IFIVDYELLD GIDANKTDPC THQFLAAPIC LLYKNLANKI VPIAIQLNQT PGEKNPIFLP TDSKYDWLLA KIWVRSSDFH IHQTITHLLR THLVSEVFGI AMYRQLPAVH PLFKLLVAHV RFTIAINTKA REQLNCEYGL FDKANATGGG GHVQMVQRAV QDLTYSSLCF PEAIKARGMD NTEDIPYYFY RDDGLLVWEA IQSFTTEVVS IYYEDDQVVE EDQELQDFVK DVYVYGMRGR KASGFPKSIK SREKLSEYLT VVIFTASAQH AAVNFGQYDW CSWIPNAPPT MRAPPPTAKG VVTIEQIVDT LPDRGRSCWH LGAVWALSQF QENELFLGMY PEEHFIEKPV KEAMIRFRKN LEAIVSVIAE RNKNKKLPYY YLSPDRIPNS VAI

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:	ALOX5
Abstract:	ALOX5 Products
Background:	Recommended name: Arachidonate 5-lipoxygenase. Short name= 5-LO. Short name= 5-lipoxygenase. EC= 1.13.11.34
UniProt:	P12527

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
Buffer:	Tris-based buffer, 50 % glycerol

Handling

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.