

Datasheet for ABIN7590788

ALOX15B Protein (AA 1-677) (His tag)



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Overview

Quantity:	100 µg
Target:	ALOX15B
Protein Characteristics:	AA 1-677
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This ALOX15B protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>MAKFRVRVST GEACGAGTWD KVSVSIVGTH GESPLVPLDH LGKEFSAGAE EDFEVTLPQD</p> <p>VGTVLMLRIH KAPPEAPLPL LSFPPDAWYC RWFELEWLPG AALRFPCYQW LEGAGELVLR</p> <p>EGAAKVSQWD HHRTLQDQRQ KELESRKDMY SWKTYIEGWP HCLDHETVKD LDLNIKYSAM</p> <p>KNAKFFFAKQ SAFTELKFKG LLDRTGLWRS LREMKRMFNF HNTPAAEYVF AHWQEDAFFA</p> <p>SQFLNGLNPV LIRRCRRLPE NFPVTDEMVA PVLGPGTSLQ AELEKGSFL VDHGILSGVQ</p> <p>TNVIKPKQF SAAPMTLLYQ SPGSGPLLPI AIQLKQTPGP DNIPLPSSD KWDWLLAKTW</p> <p>VRNAEFSIHE ALTHLLHAHL IPEVFALATL RQLPHCHPLF KLLIPHTRYT LHINTLAREL</p> <p>LIAPGKVVDK STGLGIGGFS DLIKRNMELQ SYSVLCLPED IRARDVGDLP GYYRDDGMQ</p> <p>IWSAIRSFVS EIVDIYPSD ASVRDDQELQ AWWGEIFSEG FLSQESSGMP SLLDTQEALV</p> <p>QYVTMVIFTC SAKHAAVSAS QFDSCVWMPN LPPSMQLPPP TSKGQASPEG FIATLPAVNA</p> <p>TCDVIIALWL LSKEPGDRRP LGHYPDEHFT EEVPRRSIAA FQRKLIQISS GIRKRNQSLA</p> <p>LPYTYLDPPL IENSVSI</p>
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Product Details

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

Target Details

Target:	ALOX15B
Abstract:	ALOX15B Products
Background:	<p>Recommended name: Arachidonate 15-lipoxygenase B.</p> <p>Short name= 15-LOX-B.</p> <p>EC= 1.13.11.33.</p> <p>Alternative name(s): 15-lipoxygenase 2.</p> <p>Short name= 15-LOX-2 Arachidonate 15-lipoxygenase type II</p>
UniProt:	Q8K4F2

Application Details

Comment:	<p>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 modified 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.</p>
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.