

Datasheet for ABIN1473608

EPHX2 Protein (AA 1-554) (His tag)



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Overview

Quantity:	1 mg
Target:	EPHX2
Protein Characteristics:	AA 1-554
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This EPHX2 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>MALRVAAFDL DGV LALPSIA GVL RHTEEAL ALPRDFLLGA FQMKFPEGPT EQLMKGKITF</p> <p>SQWVPLMDES CRKSSKACGA SLPENFSISE IFSQAMAARS INRPMLQAAA ALKKKGFTTC</p> <p>IVTNNWLDDS DKRDILAQMM CELSQHFDFL IESCQVGMIK PEPQIYKFVL DTLKAKPNEV</p> <p>VFLDDFGSNL KPARDMGMVT ILVRDTASAL RELEKVTGTQ FPEAPLPVPC SPNDVSHGYV</p> <p>TVKPGIRLHF VEMGSGPAIC LCHGFPESWF SWRYQIPALA QAGFRVLAIK MKGYGDSSSP</p> <p>PEIEEYAMEL LCEEMVTFLN KLGIPQAVFI GHDWAGVLVW NMALFHPERV RAVASLNTPL</p> <p>MPPNPEVSPM EVIRSIPVFN YQLYFQEPGV AEAELEKNMS RTFKSFFRTS DDMGLLTVNK</p> <p>ATEMGGILVG TPEDPKVSKI TTEEEIEYYI QQFKKSGFRG PLNWYRNTER NWKWSCKALG</p> <p>RKILVPALMV TAEKDIVLRP EMSKNMENWI PFLKRGHIED CGHWTQIEKP AEVNQILIKW</p> <p>LKTEIQNPSV TSKI</p>
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian

Product Details

cells or by baculovirus infection. Be aware about differences in price and lead time.

Purity: > 90 %

Target Details

Target: EPHX2

Alternative Name: Epoxide hydrolase 2 (Ephx2) ([EPHX2 Products](#))

Background: Recommended name: Epoxide hydrolase 2.
EC= 3.3.2.10.
Alternative name(s): Cytosolic epoxide hydrolase.
Short name= CEH Epoxide hydratase Soluble epoxide hydrolase.
Short name= SEH

UniProt: [P80299](#)

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 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.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Concentration: 0.2-2 mg/mL

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

Handling

Storage:	-20 °C
Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.