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Datasheet for ABIN1473415 EPHX1 Protein (AA 1-455) (His tag)

Overview

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| Quantity: | 1 mg |
| Target: | EPHX1 |
| Protein Characteristics: | AA 1-455 |
| Origin: | Rabbit |
| Source: | Yeast |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This EPHX1 protein is labelled with His tag. |
| Application: | ELISA |

Product Details

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| Sequence: | <p>MLLELLLASV LGFVIYWFVS GDKEESLPLE DGWWGPGSRP VGLEDESIRP FKVETSDEEI</p> <p>NDLHQRIDRI RLTPPLENSR FHYGFNSNYL KKILSYWRHE FDWKKQVEIL NSYPHFKTKI</p> <p>EGLDIHFIHV KPPQVPPGRT PKPLLMVHGW PGSFFEYKI IPLLTDPKSH GLSDEHIFEV</p> <p>ICPSIPGYGF SQASSKKGFN SVSTARIFYK LMLRLGFQEF YIQGGDWGAL VCTNMAQLVP</p> <p>SHVKGLHLNM ALILRNHYTL TLLLGRRIGG LLGYTERDME LLYPFKEKVF YSLMRESGYM</p> <p>HIRATKPDTV GCALNDSPVG LAAYILEKFS TWTNSEFRDL EDGGLERKFS LQDLLTNIMI</p> <p>YWTTGSIVSS QRYYKENLGQ GFMAHKHERL KVHVPTGFAA FPCEIMHVPE KWWRTKYPQL</p> <p>ISYSYMPRGG HFAAFEPEL LARDICKFVG LVERQ</p> |
| Specificity: | Oryctolagus cuniculus (Rabbit) |
| 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. |

Product Details

Purity: > 90 %

Target Details

Target: EPHX1

Alternative Name: Epoxide hydrolase 1 (EPHX1) ([EPHX1 Products](#))

Background: Recommended name: Epoxide hydrolase 1.
EC= 3.3.2.9.
Alternative name(s): Epoxide hydratase Microsomal epoxide hydrolase

UniProt: [P04068](#)

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

Storage: -20 °C

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