

Product datasheet for AR51380PU-S

Epoxide hydrolase 1 / EPHX1 (T7 tag) Human Protein

Product data:

Product Type: Recombinant Proteins Description: Epoxide hydrolase 1 / EPHX1 (T7 tag) human recombinant protein, 50 µg Species: Human E. coli **Expression Host:** Expression cDNA Clone MASMTGGQQM GRGSHMRDKE ETLPLEDGWW GPGTRSAARE DDSIRPFKVE TSDEEIHDLH or AA Sequence: QRIDKFRFTP PLEDSCFHYG FNSNYLKKVI SYWRNEFDWK KQVEILNRYP HFKTKIEGLD IHFIHVKPPQ LPAGHTPKPL MVHGWPGSF YEFYKIIPLL TDPKNHGLSD EHVFEVICPS IPGYGFSEAS SKKGFNSVAT ARIFYKLMLR LGFQEFYIQG GDWGSLICTN MAQLVPSHVK GLHLNMALVL SNFSTLTLLL GQRFGRFLGL TERDVELLYP VKEKVFYSLM RESGYMHIQC TKPDTVGSAL NDSPVGLAAY ILEKFSTWTN TEFRYLEDGG LERKFSLDDL LTNVMLYWTT GTIISSQRFY KENLGQGWMT QKHERMKVYV PTGFSAFPFE LLHTPEKWVR FKYPKLISYS YMVRGGHFAA FEEPELLAQD IRKFLSVLER Q T7-tag Tag: Predicted MW: 52.2 kDa **Concentration:** lot specific **Purity:** >90% by SDS - PAGE **Buffer:** Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.4M Urea **Preparation:** Liquid purified protein **Protein Description:** Recombinant human EPHX1 protein, fused to His-tag at N-terminus, was expressed in E.coli. Storage: Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Stability: Shelf life: one year from despatch. **RefSeq:** NP 000111 Locus ID: 2052 **UniProt ID:** P07099, R4SBI6 Cytogenetics: 1q42.12



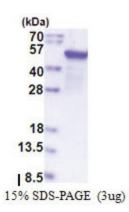
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	Epoxide hydrolase 1 / EPHX1 (T7 tag) Human Protein – AR51380PU-S
Synonyms:	EPHX; EPOX; HYL1; MEH
Summary:	Epoxide hydrolase is a critical biotransformation enzyme that converts epoxides from the degradation of aromatic compounds to trans-dihydrodiols which can be conjugated and excreted from the body. Epoxide hydrolase functions in both the activation and detoxification of epoxides. Mutations in this gene cause preeclampsia, epoxide hydrolase deficiency or increased epoxide hydrolase activity. Alternatively spliced transcript variants encoding the same protein have been found for this gene.[provided by RefSeq, Dec 2008]
Protein Familie	s: Druggable Genome, Protease
Protein Pathwa	ys: Metabolism of xenobiotics by cytochrome P450

Product images:



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