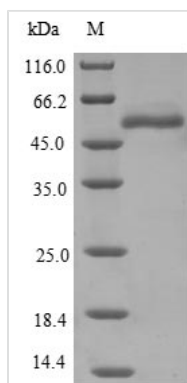




Recombinant Human Epoxide hydrolase 1 (EPHX1)

Product Code	CSB-EP007734HUa0
Relevance	Biotransformation enzyme that catalyzes the hydrolysis of arene and aliphatic epoxides to less reactive and more water soluble dihydrodiols by the trans addition of water.
Abbreviation	Recombinant Human EPHX1 protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P07099
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 85% as determined by SDS-PAGE.
Sequence	MWLEILLTSVLGFAIYWFI SRDKEETLPLEDGWWGPGTRSAAREDDSI RPFKV ETSDEEIHDLHQRIDKFRFTPLEDSCFHYGFNSNYLKKVISYWRNEFDWKKQ VEILNRYPHFKTKIEGLDIHFIHV KPPQLPAGHTPKPLLMVHGWPGSFYEFYKIIP LLTDPKNHGLSDEHVFEVICPSIPGYGFSEASSKKGFSVATARIFYKLMLRLG FQEFYIQGGDWGSLICTNMAQLVPSHV KGLHLNMAVLVLSNFSTLTLLLGQRFG RFLGLTERDVELLYPVKEKVFYSLMRESGYMHIQCTKPDTVGSALNDSPVGLA AYILEKFSTWTNTEFRYLEDGGLERKFS LDDLLTNVMLYWTTGTIISSQRFYKE NLGQGWM TQKHERMKVYVPTGFSAPPFELLHTPEKWWRFKY PKLISYSYMVR GGHFAAFEEPELLAQDIRKFLSVLERQ
Research Area	Cell Biology
Source	E.coli
Target Names	EPHX1
Protein Names	Epoxide hydratase Microsomal epoxide hydrolase EPHX, EPOX
Expression Region	1-455aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	56.9 kDa
Protein Length	Full Length
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.