

Recombinant Full Length Human EPHX1 Protein

Cat. No. EPHX1-162HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human Epoxide hydrolase with N terminal proprietary tag, predicted mwt: 76.12 kDa.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	455 amino acids
Description	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.
Form	Liquid
Molecular Mass	76.120kDa inclusive of tags
AA Sequence	MWLEILLTSVLGFAIYWFISRDKEETLPLEDGWWGPGTRS AAREDDSIKPFKVETSD EEIHDLHQRIDKFRFTPPLEDSC FHYGFNSNYLKKVISYWRNEFDWKKQVEILNRY HFKTKI EGLDIHFHVKPPQLPAGHTPKPLLMVHGWPGSFYEFYKI IPLLTDPKNHGL SDEHVFEVICPSIPGYGFSEASSKKGFN SVATARIFYKLMLRLGFQEFYIQGGDWGS LICTNMAQLVP SHVKGLHLNLMALVLSNFSTLTLLGQRFGRFLGLTERDVE LLYPVK

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EKVFYSLMRESGYMHIQCTKPDTVGSALNDSPVG LAAYILEKFSTWTNTEFRYLED
GGLERKFSLDDLLTNVML YWTTGTIISQRFYKENLGQGWMQTQKHERMKVYVPTG
FSA FPFELLHTPEKWVRFKYPKLISYSYMVRGGHFAAFEEPEL LAQDIRKFLSVLER
Q

Purity Proprietary Purification

Storage Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.

Storage Buffer pH: 8.00. Constituents: 0.79% Tris HCl, 0.31% Glutathione.

GENE INFORMATION

Gene Name EPHX1 epoxide hydrolase 1, microsomal (xenobiotic) [Homo sapiens]

Official Symbol EPHX1

Synonyms EPHX1; epoxide hydrolase 1, microsomal (xenobiotic); EPHX; epoxide hydrolase 1

Gene ID 2052

mRNA Refseq NM_000120

Protein Refseq NP_000111

MIM 132810

UniProt ID P07099

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