

Recombinant Full Length Human EPHX2 Protein, GST-tagged

Cat. No. EPHX2-4386HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human EPHX2 full-length ORF (NP_001970.2, 1 a.a. - 555 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	555 amino acids
Description	This gene encodes a member of the epoxide hydrolase family. The protein, found in both the cytosol and peroxisomes, binds to specific epoxides and converts them to the corresponding dihydrodiols. Mutations in this gene have been associated with familial hypercholesterolemia. Alternatively spliced transcript variants have been described. [provided by RefSeq, Feb 2012]
Molecular Mass	89 kDa
AA Sequence	MTLRAAVFDLDGVLALPAVFGVLGRTEEALALPRGLLNDAFQKGGPEGATTRLMKG EITLSQWIPLMEENCRKCSETAKVCLPKNFSIKEIFDKAISARKINRPLQAALMLRKK GFTTAILTNTWLDDRAERDGLAQLMCELKMHFDLIESCQVGMVKPEPQIYKFLD LKASPSEVVFLDDIGANLKPARDLGMVTILVQDQDTALKELEKVTGIQLLNTPAPLPTS CNPSDMSHGYVTVKPRVRLHFVELGSGPAVCLCHGFPESWYSWRYQIPALAQAGY RVLAMDMKGYGESSAPPEIEEYCMVELCKEMVTFLDKLGLSQAVFIGHDWGGMLV WYMALFYPERVRAVASLNTPFIPANPNMSPLESIKANPVFDYQLYFQEPGVAEAELE QNLSRTFKSLFRASDESVLSMHKVCEAGGLFVNSPEEPSLSRMVTEEEIQFYVQQF

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

KKSGFRGPLNWYRNMERNWKWACKSLGRKILIPALMVTAEKDFVLVPQMSQHMED
WIPHLKRGHIEDCGHWTQMDKPTEVQNQILIKWLDSDARNPPVVSKM

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

EPHX2 epoxide hydrolase 2, cytoplasmic [Homo sapiens]

Official Symbol

EPHX2

Synonyms

EPHX2; epoxide hydrolase 2, cytoplasmic; epoxide hydrolase 2; epoxide hydratase;
epoxide hydrolase, soluble; epoxide hydrolase 2, cytosolic; CEH; SEH;

Gene ID

2053

mRNA Refseq

NM_001256482

Protein Refseq

NP_001243411

MIM

132811

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UniProt ID**P34913** Tel: 1-631-559-9269 1-516-512-3133 Email: info@creative-biomart.com  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA