

Recombinant Human EPHX2 Protein, MYC/DDK-tagged, C13 and N15-labeled

Cat. No. EPHX2-297H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	EPHX2 MS Standard C13 and N15-labeled recombinant protein (NP_001970) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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	62.6 kDa
AA Sequence	MTLRAAVFDLDGVLALPAVFGVLGRTEEALALPRGLLNDAFQKGGPEGATTRLMKG EITLSQWIPLMEENCRKCSETAKVCLPKNFSEIKFIDKAISARKINRPMLQAALMLRKK GFTTAILTNTWLDDRAERDGLAQLMCELKMHFDLIESCQVGMVKPEPQIYKFLD LKASPSEVVFLDDIGANLKPARDLGMVTILVQDQDTALKELEKVTGIQLLNTAPPLPTS CNPSDMSHGYVTVKPRVRLHFVELGSGPAVCLCHGFPESWYSWRYQIPALAQAGY RVLAMDMKGYGESSAPPEIEEYCMVLCCKEMVTFLDKLGLSQAVFIGHDWGGMLV WYMAFYPERVRAVASLNTPFIPANPNMSPLESIKANPVFDYQLYFQEPGVAEAELE QNLSRTFKSLFRASDESVLSMHKVCEAGGLFVNSPEEPSLSRMVTEEEIQFYVQQF

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KKSGFRGPLNWYRNMERNWKWACKSLGRKILIPALMVTAEKDFVLVPQMSQHMED
WIPHLKRGHIEDCGHWTQMDKPTEVQNLIKWLDSARNPPVVSKMTRTRPLEQKLI
SEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name EPHX2 epoxide hydrolase 2, cytoplasmic [Homo sapiens (human)]

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_001979

Protein Refseq NP_001970

MIM 132811

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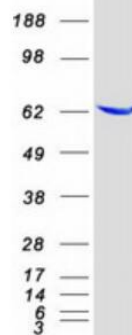
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UniProt ID

P34913

SDS-PAGE

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