

Recombinant Human EPHX2 Protein, His-tagged

Cat. No. EPHX2-056H Lot. No. (See product label)

SPECIFICATION

Product Overview	Active recombinant N-terminal His-tagged full length human EPHX2 protein (2-555) was purified from Sf21 cells.
Species	Human
Source	Insect Cells
ProteinLength	2-555
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.
Molecular Mass	64 kDa
Purity	≥95% as determined by SDS-PAGE
Unit Definition	One unit hydrolyzes 1 nmol/min of PHOME at 37 centigrade. Detected by fluorescence of product; Ex. 330 nm, Em. 465 nm and measured against a standard curve of 6-methoxy-2-napthaldehyde.
Stability	≥ 2 years

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Storage At -80 centigrade.

GENE INFORMATION

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

Official Symbol EPHX2

Synonyms EPHX2; epoxide hydrolase 2; CEH; SEH; ABHD20; bifunctional epoxide hydrolase 2; epoxide hydratase; epoxide hydrolase 2, cytoplasmic; epoxide hydrolase 2, cytosolic; epoxide hydrolase, soluble; EC 3.1.3.76; EC 3.3.2.10

Gene ID 2053

mRNA Refseq NM_001979

Protein Refseq NP_001970

MIM 132811

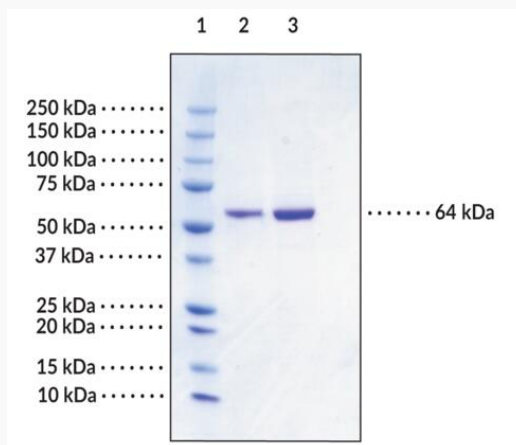
UniProt ID P34913

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SDS-PAGE analysis of EPHX2

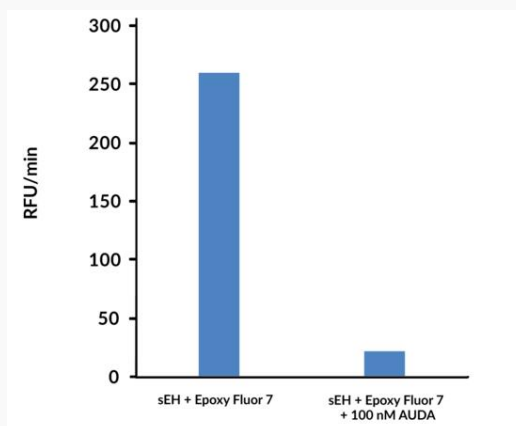


Lane 1: MW Markers

Lane 2: Soluble Epoxide Hydrolase (2 µg)

Lane 3: Soluble Epoxide Hydrolase (4 µg)

Inhibition of sEH by AUDA.



Data generated using protocols from Souble Epoxide Hydrolase Inhibitor Screening Assay Kit.

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