

Recombinant Human EPHX2 Protein, His-tagged

Cat. No. EPHX2-638H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human EPHX2 (NP_001970.2) (Met1-Met555) was expressed with a polyhistidine tag at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	1-555 a.a.
Predicted N Terminal	His
Form	Lyophilized from sterile 20 mM Tris, 500 mM NaCl, 10 % glycerol, pH 7.4, 5% ~ 8% trehalose and mannitol.
Molecular Mass	The recombinant human EPHX2 consists 574 amino acids and predicts a molecular mass of 65 kDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>90 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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

UniProt ID P34913

Chromosome Location 8p21

Pathway Arachidonate Epoxygenase / Epoxide Hydrolase, organism-specific biosystem; Arachidonic acid metabolism, organism-specific biosystem; Arachidonic acid metabolism, conserved biosystem; Metabolic pathways, organism-specific biosystem; Peroxisome, organism-specific biosystem; Peroxisome, conserved biosystem;

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