

# Human EPHX1 Recombinant Protein



RPPB1626

## Product Information Protein Information

**Product SKU:**

RPPB1626

**Accession:**

P07099

**Host:**

Sf9, Insect cells.

**Protein description:**

EPHX1 produced in Sf9 Insect cells is a single, glycosylated polypeptide chain containing 442 amino acids (21-455 a.a.) and having a molecular mass of 51.5kDa (Molecular size on SDS-PAGE will appear at approximately 50-70kDa). EPHX1 is expressed with an 6 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered colorless solution.

**Synonyms:**

Epoxide hydrolase 1, Epoxide hydratase, Microsomal epoxide hydrolase, Meh, EPHX1, EPHX, EPOX, Epoxide Hydrolase 1 Microsomal, Microsomal Epoxide Hydrolase, EC 3.3.2.9, HYL1

**Formulation:**

EPHX1 protein solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0) 50% glycerol, 1mM DTT and 0.1M NaCl.

**Purity:**

Greater than 85% as determined by SDS-PAGE.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Amino Acid Sequence:**

MRDKEETLPL EDGWGPGTR SAAREDD SIR PFKVETSDEE IHDLHQRIDK FRFTPPLEDS CFHYGFNSNY  
LKKVISYWRN EFDWKKQVEI LNRYPHFKTK IEGLDIHFIH VKPPQLPAGH TPKPLLMVHG WPGSFYEFYK  
IIPLLTDPKN HGLSDEHVFE VICPSIPGYG FSEASSKKGF NSVATARIFY KLMLRLGFQE FYIQGGDWGS  
LICTNMAQLV PSHVKGLHLN MALVLSNFST LLLLLGQRFQ RFLGLTERDV ELLYPVKEKV FYSLMRESGY  
MHIQCTKPDT VGSALNDSPV GLAAYILEKF STWTNTEFRY LEDGGLERKF SLDDLLTNVM LYWTTGTIIS  
SQRFYKENLG QGWMTQKHER MKVYVPTGFS APPFELLHTP EKWVRFKYPK LISYSYMVRG GHFAAFEEPE  
LLAQDIRKFL SVLERQH HHHH HH.