

Product datasheet for **TP507267**

Ephx1 (NM_010145) Mouse Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Purified recombinant protein of Mouse epoxide hydrolase 1, microsomal (Ephx1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

Species: Mouse

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >MR207267 protein sequence
Red=Cloning site **Green**=Tags(s)

MWLELILASVLGFVIYWFVSRDKEETLPLEDGWWGPGSKPSAKEDESIRPFKVETSDEEIKDLHQRIDRF
RASPPLEGSRFHYGFNSSYLKKVVSFWRNEFDWRKQVEILNQYPHFKTKIEGLDIHFHVKPPQLPSGRT
PKPLL MVHGWPGSFYEFYKIIPLLTDPKTHGLSDEHVFEVICPSIPGYGFSEASSKKGLNSVATARIFYK
LMSRLGFQKFYIQGGDWGSLICTNIAQMVPNHVKGLHLNMSFISRNIYSLTPLLQGRFGRFLGYTEKDLE
LLYPFKEKVFYNIMRESGYLHIQATKPDTVGCALNDSPVGLAAYILEKFSTWTKSEYRELEDGGLERKFS
LEDLLTNIMIYWTTGTIVSSQRFYKENLGQGMVHRHEGMKVFVPTGYSAFPSEILHAPEKVVVKYKPKL
ISYSYMERGGHFAAFEPEKLLAQDIRKVFVSLAELQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-MYC/DDK

Predicted MW: 52.6 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

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

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C after receiving vials.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_034275](#)

Locus ID: 13849



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UniProt ID: [Q9D379](#)

RefSeq Size: 1708

Cytogenetics: 1 84.48 cM

RefSeq ORF: 1368

Synonyms: EH; Eph-1; Eph1; Epxh1; mEH

Summary: Biotransformation enzyme that catalyzes the hydrolysis of arene and aliphatic epoxides to less reactive and more water soluble dihydrodiols by the trans addition of water. May play a role in the metabolism of endogenous lipids such as epoxide-containing fatty acids.
[UniProtKB/Swiss-Prot Function]