

# Recombinant Human EPHX4 Full Length Transmembrane protein, His-tagged

**Cat. No.** EPHX4-233H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                      |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human EPHX4 protein(Q8IUS5)(1-362aa), fused with N-terminal His tag, was expressed in in vitro E. coli expression system.                                                                                                                                                                                                                                                                |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>ProteinLength</b>    | 1-362aa                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Form</b>             | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.<br>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.                                                                                                                                                                |
| <b>Molecular Mass</b>   | 45.2 kDa                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>AA Sequence</b>      | MARLRDCLPRLMLTLRSLLFWSLVYCYCGLCASIHLKLLWSLGKGPAQTFRRPARE<br>HPPACLSDP SLGTHCYVRIKDSGLRFHYVAAGERGKPLMLLLHGFPEFWYSWRYQL<br>REFKSEYRVVALDLRGYGETDAPIHRQNYKLDCLITDIKDILDSLGYSKCVLIGHDWG<br>GMIAWLIAICYPEMVMKLVINFPHPNVFTEYILRHPAQLLKSSYYYFFQIPWFPEFMF<br>SINDFKVLKHLFTSHSTGIGRKGQCQLTTEDLEAYIYVFSQPGALSGPINHYRNIFSCLP<br>LKHHMVTTPTLLLWGENDAFMEVEMA EVTKIYVKNYFRLTILSEASHWLQQDQPDIV<br>NKLIWTF LKEETRKKD |

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|-----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Purity</b>         | Greater than 85% as determined by SDS-PAGE.                                                                                                                                                               |
| <b>Storage</b>        | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                            |
| <b>Reconstitution</b> | Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. |

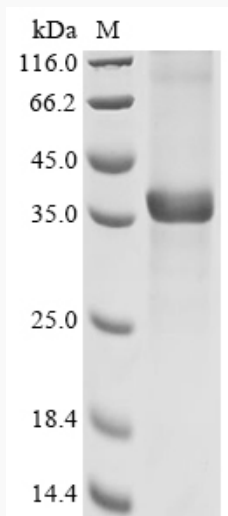
## GENE INFORMATION

|                        |                                            |
|------------------------|--------------------------------------------|
| <b>Gene Name</b>       | EPHX4 epoxide hydrolase 4 [ Homo sapiens ] |
| <b>Official Symbol</b> | EPHX4                                      |
| <b>Synonyms</b>        | ABHD7; EPHXRP                              |
| <b>Gene ID</b>         | 253152                                     |
| <b>mRNA Refseq</b>     | NM_173567.4                                |
| <b>Protein Refseq</b>  | NP_775838.3                                |
| <b>UniProt ID</b>      | Q8IUS5                                     |

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**SDS-PAGE**

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