



# Recombinant Human Bifunctional Epoxide hydrolase 2 (EPHX2)

|                          |  |
|--------------------------|--|
| <b>Product Code</b>      | CSB-EP007735HU-B   |
| <b>Storage</b>           | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.   |
| <b>Uniprot No.</b>       | P34913   |
| <b>Product Type</b>      | Recombinant Protein  |
| <b>Immunogen Species</b> | Homo sapiens (Human)   |
| <b>Purity</b>            | >85% (SDS-PAGE)  |
| <b>Sequence</b>          | <p>           MTLRAAVFDL DGVLALPAVF GVLGRTEEAL ALPRGLLNDA FQKGGPEGAT<br/>           TRLMKGEITL SQWIPLMEEN CRKCSETAKV CLPKNFSIKE IFDKAISARK<br/>           INRPMLQAAL MLRKKGFTTA ILTNTWLDDR AERDGLAQLM CELKMHDFDL<br/>           IESCQVGMVK PEPQIYKFL DTLKASPSEV VFLDDIGANL KPARDLGMVT<br/>           ILVQDQDTAL KELEKVTGIQ LLNTPAPLPT SCNPSDMSHG YVTVKPRVRL<br/>           HFVELGSGPA VCLCHGFPES WYSWRYQIPA LAQAGYRVLA<br/>           MDMKGYGESS APPEIEEYCM EVLCKEMVTF LDKLGLSQAV FIGHDWGGML<br/>           VWYMALFYPE RVRVASLNT PFIPANPNMS PLESIKANPV FDYQLYFQEP<br/>           GVAEAELEQN LSRTFKSLFR ASDESVLMSH KVCEAGGLFV NSPEEPSLSR<br/>           MVTEEEIQFY VQQFKKSGFR GPLNWRNME RNWKWACKSL GRKILIPALM<br/>           VTAEKDFVLV PQMSQHMEDW IPHLKRGHIE DCGHWTQMDK PTEVNQILIK<br/>           WLSDARNPP VVSKM         </p> |
| <b>Source</b>            | E.coli   |
| <b>Target Names</b>      | EPHX2  |
| <b>Protein Names</b>     | Recommended name: Epoxide hydrolase 2 EC= 3.3.2.10<br>Alternative name(s): Cytosolic epoxide hydrolase<br>Short name= CEH Epoxide hydratase Soluble epoxide hydrolase<br>Short name= SEH   |
| <b>Expression Region</b> | 1-555  |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.  |
| <b>Tag Info</b>          | Tag type will be determined during the manufacturing process.  |
| <b>Protein Length</b>    | Full length protein  |
| <b>Target Details</b>    | 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. Alternate transcriptional splice variants of this gene have been observed but have not been thoroughly characterized.  |



---

**Reconstitution**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. 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. Our default final concentration of glycerol is 50%. Customers could use it as reference.

---

**Shelf Life**

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.