

## Product datasheet for **TP302489**

### EPHX2 (NM\_001979) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human epoxide hydrolase 2, cytoplasmic (EPHX2), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC202489 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MTLRAAVFDLDGVLALPAVFGVLRTEEALALPRGLLNDAFQKGGPEGATTRLMKGEITLSQWIPLMEEN  
CRKCSETAKVCLPKNFSIKEIFDKAISARKINRPMLQAALMLRKKGFTTAILTNTWLDRAERDGLAQLM  
CELMHFDFLIESCQVGMVKPEPQIYKFLDTLKASPSEVFLDDIGANLKPARDLGMVTILVQDQDTAL  
KELEKVTGIQLLNTPAPLPTSCNPSDMSHGYYTVKPRVRLHFVELGSGPAVCLCHGFPESWYSWRYQIPA  
LAQAGYRVLAMDMDKGYGESSAPPEIEEYCMEVLCHEMVTFLDKLGLSQAVFIGHDWGGMLVWYMALFYPE  
RVRVASLNTPFIPANPNMSPLESIKANPVFDYQLYFQEPGVAEAELEQNLSTFKSLFRASDESVLMSH  
KVCEAGGLFVNSPEEPSLSRMVTEEEIQFYVQQFKKSGFRGPLNWWYRNMERNWKKWACKSLGRKILIPALM  
VTAEKDFVLVPQMSQHMEDWIPHLKRGHIEDCGHWTQMDKPTENVNLIKWLSDARNPPVSKM

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-Myc/DDK
Predicted MW:	62.4 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
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq: [NP\\_001970](#)

Locus ID: 2053

UniProt ID: [P34913](#)

RefSeq Size: 2290

Cytogenetics: 8p21.2-p21.1

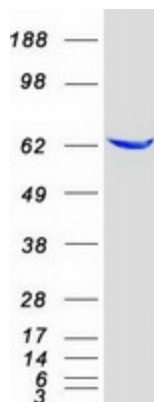
RefSeq ORF: 1665

Synonyms: ABHD20; CEH; SEH

**Summary:** 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. Alternatively spliced transcript variants have been described. [provided by RefSeq, Feb 2012]

**Protein Pathways:** Arachidonic acid metabolism, Metabolic pathways

### Product images:



Coomassie blue staining of purified EPX2 protein (Cat# TP302489). The protein was produced from HEK293T cells transfected with EPX2 cDNA clone (Cat# [RC202489]) using MegaTran 2.0 (Cat# [TT210002]).