

Recombinant Human EPHX1 protein, His-SUMO-tagged

Cat. No. EPHX1-2856H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human EPHX1 protein(P07099)(1-455aa), fused to N-terminal His tag and SUMO tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-455aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	68.9 kDa
AA Sequence	MWLEILLTSVLGFAIYWFISRDKEETLPLEDGWWGPGTRSAAREDDSIKPKVETSD EEIHDHLHQRIDKFRFTPPLEDSCFHYGFNNSNYLKKVISYWRNEFDWKKQVEILNRY HFKTKIEGLDIHFHVKPPQLPAGHTPKPLLMVHGWPGSFYEFYKIPLLTDPKNHGLS DEHVFEVICPSIPGYGFSEASSKKGFNSVATARIFYKLMLRLGFQEFYIQGGDWGSLI CTNMAQLVPSHVKGHLHNLALVLSNFSTLTLLLGQRFRGLGLTERDVELLYPVKEK VFYSLMRESGYMHIQCTKPDTVGSALNDSPVGLAAYILEKFSTWTNTEFRYLEDGGL ERKFSLDDLLTNVMLYWTTGTIISQRFYKENLGQGWMTPQKHERMKVYVPTGFSAF PFELLHTPEKWVRFKYPKLISYSYMVRGGHFAAFEPELLAQDIRKFLSVLERQ

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Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	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%.

GENE INFORMATION

Gene Name	EPHX1 epoxide hydrolase 1, microsomal (xenobiotic) [Homo sapiens]
Official Symbol	EPHX1
Synonyms	EPHX1; epoxide hydrolase 1, microsomal (xenobiotic); EPHX; epoxide hydrolase 1; epoxide hydratase; MEH; EPOX; HYL1;
Gene ID	2052
mRNA Refseq	NM_000120
Protein Refseq	NP_000111
UniProt ID	P07099

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