

Recombinant Human PPOX protein, His-SUMO-tagged

Cat. No. PPOX-3366H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PPOX protein(P50336)(1-477aa), fused to N-terminal His-SUMO tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-477aa
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	66.8 kDa
AA Sequence	MGRTVVVLGGGISGLAASYHLSRAPCPPKVVLVESSERLGGWIRSVRGPNGAIFEL GPRGIRPAGALGARTLLLSELGLDSEVLPVRGDHPAAQNRFLYVGGALHALPTGLR GLLRPSPPFKPLFWAGLRELT KPRGKEPDETVHSFAQRRLGPEVASLAMDSLRCRG VFAGNSRELSIRSCFPSLFQAEQTHRSILLGLLL GAGRTPQPDSALIRQALAERWSQ WSLRGGLEMLPQAETHLT SRGVSVLRGQPVCGLSLQAEGRWKVSLRDSSLEADH VISAIPASVLSSELLPAEAAPLARALS AITAVSVAVVNLQYQGAHLPVQGFHGLVPSSE DPGVLGIVYDSVAFPEQDGSPPLRVTVMLGGSWLQTLEASGCVLSQELFQQRAQ EAAATQLGLKEMPSHCLVHLHKNCIPQYTLGHWQKLESARQFLTAHRLPLTLGASY EGVAVNDCIESGRQAAVSVLGTEPNS

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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	PPOX protoporphyrinogen oxidase [Homo sapiens]
Official Symbol	PPOX
Synonyms	PPOX; protoporphyrinogen oxidase; variegate porphyria , VP; PPO; VP; V290M; MGC8485;
Gene ID	5498
mRNA Refseq	NM_000309
Protein Refseq	NP_000300
MIM	600923
UniProt ID	P50336

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