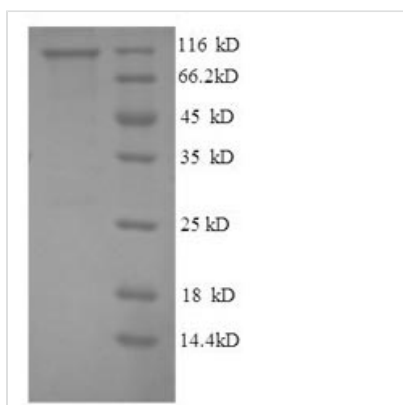




Recombinant Human NADPH--cytochrome P450 reductase (POR), partial

Product Code	CSB-EP018378HU
Relevance	This enzyme is required for electron transfer from NADP to cytochrome P450 in microsomes. It can also provide electron transfer to he oxygenase and cytochrome B5.
Abbreviation	Recombinant Human POR protein, partial
Storage	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.
Uniprot No.	P16435
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	INMGDSHVDTSSSTVSEAVAEVSLFSMTDMILFSLIVGLLTYWFLFRKKKEEVP EFTKIQTLTSSVRESSFVEKMKKTGRNIIVFYGSQTGTAEFANRLSKDAHRYG MRGMSADPEEYDLADLSSLPEIDNALVVFCMATYGEGDPTDNAQDFYDWLQE TDVDLSGVKFAVFGGLGNKTYEHFNAMGKYVDKRLEQLGAQRIFELGLGDDDDG NLEEDFITWREQFWLAVCEHFGVEATGEESSIRQYELVVHTDIDAAKVYMGEM GRLKSYENQKPPFDAKNPFLAAVTTNRKLNQGTERHLMHLELDISDSKIRYES GDHVAVYPANDSALVNQLGKILGADLDVVMMLNLDDESNKKHPFPCPTSRYT ALTYLDITNPPRTNVLYELAQYASEPSEQELLRKMASSSGEGKELYLSWVVE ARRHILAILQDCPSLRPPIDHLCCELLPRLQARYYSIASSSKVHPNSVHICAVVVE YETKAGRINKGVATNWLRAKEPVGENGGRALVPMFVRKSQFRLPFKATTPVIM VGP GTGVAPFIGFIQERAWLRQQGKEVGETLLYYGCRRSDEDYLYREELAQF HRDGALTQLNVAFSREQSHKVYVQHLLKQDREHLWKLIEGGAHYVCGDARN MARDVQNTFYDIVAELGAMEHAQAVDYIKKLMTK
Source	E.coli
Target Names	POR
Expression Region	2-671aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal GST-tagged
Mol. Weight	102.9kDa
Protein Length	Partial of BC034277
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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.