

## Datasheet for ABIN6388192 PCOLCE Protein (AA 26-449) (His tag)



Overview

Quantity:100 µgTarget:PCOLCEProtein Characteristics:AA 26-449Origin:HumanSource:Baculovirus infected Insect CellsProtein Type:RecombinantPurification tag / Conjugate:This PCOLCE protein is labelled with His tag.Application:SDS-PAGE (SDS)Product DetailsMRDKEETLPL EDGWWGPGTR SAAREDDSIR PFKVETSDEE IHDLHQRIDK FRFTPPLEDS CFHYGFNSNY LKKVISYWRN EFDWKKQVEI LNRYPHFKTK IEGLDIHFIH VKPPQLPAGH TPKPLLMVHG WPGSFYEFYK IIPLLTDPKN HGLSDEHVFE VICPSIPGYG FSEASSKKGF NSVATARIFY KLMLRLGFQE FYIQGGDWGS LICTNMAQLV PSHVKGLHLN MALVLSNFST LTLLLGQRFG RFLGLTERDV ELLYPVKEKV FYSLMRESGY MHIQCTKPDT VGSALNDSPV GLAAYILEKF STWTNTEFRY LEDGGLERKF SLDDLLTNVM LYWTTGTIIS SQRFYKENLG QGWMTQKHER MKVYVPTGFS AFPFELLHTP EKWVRFKYPK LISYSYMVRG GHFAAFEEPE LLAQDIRKFL SVLERQHHHH HHPurity:> 85 % by SDS - PAGEEndotoxin Level:< 1.0 EU per 1ug of protein (determined by LAL method)		
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QGWMTQKHER MKVYVPTGFS AFPFELLHTP EKWVRFKYPK LISYSYMVRG GHFAAFEEPE     LLAQDIRKFL SVLERQHHHH HH     Purity:   > 85 % by SDS - PAGE		LTLLLGQRFG RFLGLTERDV ELLYPVKEKV FYSLMRESGY MHIQCTKPDT VGSALNDSPV
LLAQDIRKFL SVLERQHHHH HH   Purity:   > 85 % by SDS - PAGE		GLAAYILEKF STWTNTEFRY LEDGGLERKF SLDDLLTNVM LYWTTGTIIS SQRFYKENLG
Purity: > 85 % by SDS - PAGE		QGWMTQKHER MKVYVPTGFS AFPFELLHTP EKWVRFKYPK LISYSYMVRG GHFAAFEEPE
		LLAQDIRKFL SVLERQHHHH HH
Endotoxin Level: < 1.0 EU per 1ug of protein (determined by LAL method)	Purity:	> 85 % by SDS - PAGE
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## Target Details

Target:	PCOLCE
Alternative Name:	PCOLCE (PCOLCE Products)
Background:	EPHX1, also known as epoxide hydrolase 1, is an important bioconversion enzyme that
	converts epoxides from degradation of aromatics into trans-dihydrodiols that can be
	conjugated and excreted in the body. The epoxide hydrolase acts both in the activation and
	decryption of the epoxide. This enzyme plays a role in regulating the extensive oxidation state
	of heterologous and lipid-derived substrates. Mutations in this gene cause preeclampsia, lack
	of epoxidase, or increased epoxide hydrolase activity. Recombinant human EPHX1, fused to
	His-tag at C-terminus, was expressed in insect cell and purified by using conventional
	chromatography techniques.
Molecular Weight:	51.5kDa (442aa) 50-70kDa (SDS-PAGE under reducing conditions)
NCBI Accession:	NP_000111
UniProt:	P07099
Application Details	
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	Liquid. 20 mM Tris-HCl buffer ( pH 8.0) containing 50 % glycerol, 1 mM DTT, 0.1M NaCl
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.