

Product datasheet for AR39004PU-N

PPCS (1-311, His-tag) Human Protein

Product data:

OriGene Technologies, Inc.

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Product Type:	Recombinant Proteins
Description:	PPCS (1-311, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MAEMDPVAEF PQPPGAARWA EVMARFAARL GAQGRRVVLV TSGGTKVPLE ARPVRFLDNF SSGRRGATSA EAFLAAGYGV LFLYRARSAF PYAHRFPPQT WLSALRPSGP ALSGLLSLEA EENALPGFAE ALRSYQEAAA AGTFLAVEFT TLADYLHLLQ AAAQALNPLG PSAMFYLAAA VSDFYVPVSE MPEHKIQSSG GPLQITMKMV PKLLSPLVKD WAPKAFIISF KLETDPAIVI NRARKALEIY QHQVVVANIL ESRQSFVFIV TKDSETKLLL SEEEIEKGVE IEEKIVDNLQ SRHTAFIGDR N
Tag:	His-tag
Predicted MW:	36.1 kDa
Concentration:	lot specific
Purity:	>95%
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human PPCS protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP 001070915</u>
Locus ID:	79717
UniProt ID:	<u>Q9HAB8</u>
Cytogenetics:	1p34.2
Synonyms:	CMD2C



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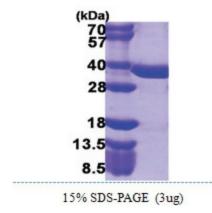
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Summary:Biosynthesis of coenzyme A (CoA) from pantothenic acid (vitamin B5) is an essential universal
pathway in prokaryotes and eukaryotes. PPCS (EC 6.3.2.5), one of the last enzymes in this
pathway, converts phosphopantothenate to phosphopantothenoylcysteine (Daugherty et al.,
2002 [PubMed 11923312]).[supplied by OMIM, Mar 2008]

Protein Pathways: Metabolic pathways, Pantothenate and CoA biosynthesis

Product images:



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