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Product datasheet for AR51886PU-N

PYCR2 (1-320, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	PYCR2 (1-320, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMSVGFIG AGQLAYALAR GFTAAGILSA HKIIASSPEM NLPTVSALRK MGVNLTRSNK ETVKHSDVLF LAVKPHIIPF ILDEIGADVQ ARHIVVSCAA GVTISSVEKK LMAFQPAPKV IRCMTNTPVV VQEGATVYAT GTHALVEDGQ LLEQLMSSVG FCTEVEEDLI DAVTGLSGSG PAYAFMALDA LADGGVKMGL PRRLAIQLGA QALLGAAKML LDSEQHPCQL KDNVCSPGGA TIHALHFLES GGFRSLLINA VEASCIRTRE LQSMADQEKI SPAALKKTLL DRVKLESPTV STLTPSSPGK LLTRSLALGG KKD
Tag:	His-tag
Predicted MW:	36 kDa
Concentration:	lot specific
Purity:	>85 % by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: Phosphate buffered saline (pH 7.4) containing 50% glycerol, 5 mM DTT, 1 mM EDTA
Preparation:	Liquid purified protein
Protein Description:	Recombinant human PYCR2, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001258610
Locus ID:	29920
UniProt ID:	Q96C36, A0A087WTV6
Cytogenetics:	1q42.12

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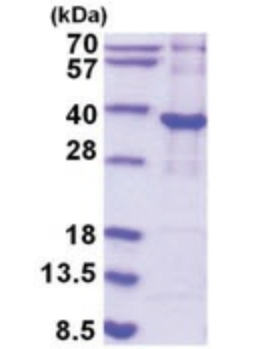
Synonyms: HLD10; P5CR2

Summary: This gene belongs to the pyrroline-5-carboxylate reductase family. The encoded mitochondrial protein catalyzes the conversion of pyrroline-5-carboxylate to proline, which is the last step in proline biosynthesis. Alternatively spliced transcript variants have been described for this gene. [provided by RefSeq, Nov 2012]

Protein Pathways: Arginine and proline metabolism, Metabolic pathways

Product images:



15% SDS-PAGE (3ug)