

Recombinant Full Length Human PYCR1 Protein, MYC/DDK-tagged

Cat. No. PYCR1-3175H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PYCR1 protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	This gene encodes an enzyme that catalyzes the NAD(P)H-dependent conversion of pyrroline-5-carboxylate to proline. This enzyme may also play a physiologic role in the generation of NADP(+) in some cell types. The protein forms a homopolymer and localizes to the mitochondrion. Alternative splicing results in multiple transcript variants.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	33.2 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	PYCR1 pyrroline-5-carboxylate reductase 1 [Homo sapiens]
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Official Symbol	PYCR1
Synonyms	ARCL2B; ARCL3B; P5C; P5CR; PIG45; PP222; PRO3; PYCR
Gene ID	5831
mRNA Refseq	NM_006907
Protein Refseq	NP_008838
MIM	179035
UniProt ID	P32322

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