

Recombinant Human PYCR2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PYCR2-2473H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PYCR2 MS Standard C13 and N15-labeled recombinant protein (NP_037460) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	33.6 kDa
AA Sequence	MSVGFIGAGQLAYALARGFTAAGILSAHKIIASSPEMNLPTVSALRKMGVNLTRSNKE TVKHSDVLFLAVKPHIIPFILDEIGADVQARHIVVSCAAGVTISSVEKKLMAFQPAPKVI RCMTNTPVVVQEGATVYATGTHALVEDGQLLEQLMSSVGFCTEVEEDLIDAVTGLS GSGPAYAFMALDALADGGVKMGLPRRLAIQLGAQALLGAAKMLLDSEQHPCQLKDN VCSPGGATIHAFLESGGFRSLLINAVEASCIRTRELQSMADQEKISPAALKKTLTD RVKLESPTVSTLTPSSPGKLLTRSLALGGKKDTRTRPLEQKLISEEDLAANDILDYKD DDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

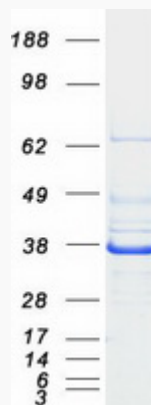
GENE INFORMATION

Gene Name	PYCR2 pyrroline-5-carboxylate reductase 2 [Homo sapiens (human)]
Official Symbol	PYCR2
Synonyms	PYCR2; pyrroline-5-carboxylate reductase family, member 2; pyrroline-5-carboxylate reductase 2; P5CR2; P5CR 2; P5C reductase 2; pyrroline 5-carboxylate reductase isoform; FLJ54750;
Gene ID	29920
mRNA Refseq	NM_013328
Protein Refseq	NP_037460
MIM	616406
UniProt ID	Q96C36

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SDS-PAGE

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