

Recombinant Human PYCR2, GST-tagged

Cat. No. PYCR2-2085H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PYCR2 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-320aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	PYCR2 pyrroline-5-carboxylate reductase family, member 2 [Homo sapiens]
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;

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Gene ID	29920
mRNA Refseq	NM_013328
Protein Refseq	NP_037460
UniProt ID	Q96C36
Chromosome Location	1q42.13
Pathway	Arginine and proline metabolism, organism-specific biosystem; Arginine and proline metabolism, conserved biosystem; Metabolic pathways, organism-specific biosystem; Proline biosynthesis, glutamate =>proline, organism-specific biosystem; Proline biosynthesis, glutamate => proline, conserved biosystem;
Function	nucleotide binding; oxidoreductase activity; oxidoreductase activity, acting on the CH-OH group of donors, NAD or NADP as acceptor; pyrroline-5-carboxylate reductase activity;