Recombinant Human PYCRL protein, GST-tagged

Cat. No. PYCRL-2086H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PYCRL protein(1-274 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-274 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na_2HPO_4, 17 mM NaH_2PO_4, 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients.
AASequence	MAAAEPSPRRVGFVGAGRMAGAIAQGLIRAGKVEAQHILASAPTDRNLCHFQALGC RTTHSNQEVLQSCLLVIFATKPHVLPAVLAEVAPVVTTEHILVSVAAGVSLSTLEELLP PNTRVLRVLPNLPCVVQEGAIVMARGRHVGSSETNLLQHLLEACGRCEEVPEAYVDI HTGLSGSGVAFVCAFSEALAEGAVKMGMPSSLAHRIAAQTLLGTAKMLLHEGQHPA QLRSDVCTPGGTTIYGLHALEQGGLRAATMSAVEAATCRAKELSRK
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

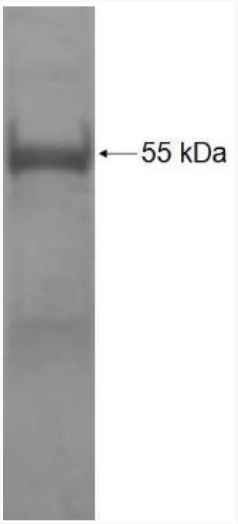
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Reconstitution	Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name	PYCRL pyrroline-5-carboxylate reductase-like [Homo sapiens]
Official Symbol	PYCRL
Synonyms	PYCRL; pyrroline-5-carboxylate reductase-like; pyrroline-5-carboxylate reductase 3; FLJ13852; P5CR 3; P5C reductase 3; pyrroline-5-carboxylate reductase-like protein;
Gene ID	65263
mRNA Refseq	NM_023078
Protein Refseq	NP_075566
UniProt ID	Q53H96

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