

Human PYCR1 Recombinant Protein



RPPB2232

Product Information Protein Information

Product SKU:

RPPB2232

Accession:

P32322

Host:

Escherichia Coli.

Protein description:

PYCR1 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 339 amino acids (1-319a.a.) and having a molecular mass of 35.5kDa. PYCR1 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered clear solution.

Synonyms:

P5C, PRO3, P5CR 1, Pyrroline-5-Carboxylate Reductase 1 mitochondrial, ARCL2B, PYCR, PIG45, PP222, Proliferation-Inducing Protein 45.

Formulation:

The PYCR1 protein solution (0.5mg/1ml) is formulated in 20 mM Tris-HCl Buffer (pH 8.5) and 10% Glycerol.

Purity:

Greater than 90% as determined by SDS-PAGE.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid Sequence:

MGSSHHHHHH SGLVPRGSH MSVGFAGQ LAFALAKGFT AAGVLAHAI MASSPDMDLA TVSALRKMVG
KLTPHNKETV QHSDVLFVAV KPHIIFILD EIGADIEDRH IVVSCAAGVT ISSIEKKLSA FRPAPRVIRC
MTNTPVVVRE GATVYATGTH AQVEDGRLME QLLSSVGFCT EVEEDLIDAV TGLSGSGPAY AFTALDALAD
GGVKMGLPRR LAVRLGAQAL LGAAKMLLHS EQHPGQLKDN VSSPGGATIH ALHVLESGGF RLLINAVEA
SCI RTRELQS MADQEQVSPA AIKKTILDKV KLDSPAGTAL SPSGHTKLLP RSLAPAGKD