

RPPB2237

Product Information Protein Information

Product SKU:

RPPB2237

Accession:

Q16769

Host:

Sf9, Baculovirus cells.

Protein description:

QPCT produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 339 amino acids (29-361a.a.) and having a molecular mass of 38.7kDa (Molecular size on SDS-PAGE will appear at approximately 28-40kDa). QPCT is expressed with a 6 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Glutaminyl-Peptide Cyclotransferase, Glutaminyl Cyclase, QC, Glutaminyl-TRNA Cyclotransferase, Glutamyl Cyclase, EC 2.3.2.5, SQC, EC, GCT, Glutaminyl-peptide cyclotransferase.

Formulation:

QPCT protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

Purity:

Greater than 90.0% 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:

VSPSASAWPE EKNYHQPAIL NSSALRQIAE GTSISEMWQN DLQPLLIERY PGSPGSYAAR QHIMQRIQRL
QADWVLEIDT FLSQTPYGYR SFSNIISTLN PTAKRHLVLA CHYDSKYFSH WNNRVFVGAT DSAVPCAMML
ELARALDKKL LSLKTVSDSK PDLSQLIFF DGEEAFLHWS PQDSLYGSRH LAAKMASTPH PPGARGTSQL
HGMDLLVLLD LIGAPNPTFP NFFPNSARWF ERLQAIEHEL HELGLLKDHS LEGRYFQNYYS YGGVIQDDHI
PFLRRGVPVL HLIPSPFPEV WHTMDDNEEN LDESTIDNLN KILQVFVLEY LHLHHHHHHH.