

Glutaminyl-Peptide Cyclotransferase Human Recombinant

Item Number	rAP-2050
Synonyms	Glutaminyl-Peptide Cyclotransferase, Glutaminyl Cyclase, QC, Glutaminyl-TRNA Cyclotransferase, Glutamyl Cyclase, EC 2.3.2.5, SQC, EC, GCT, Glutaminyl-peptide cyclotransferase.
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
Uniprot Accession Number	Q16769
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
Source	Sf9, Baculovirus cells.
Physical Appearance and Stability	Sterile Filtered colorless solution. 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.
Formulation and Purity	QPCT protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**