

Glutaminyl-Peptide Cyclotransferase Recombinant Protein | QPCT recombinant protein

Recombinant Human Glutaminyl-Peptide Cyclotransferase

CATALOG #
AAA38028

HOST
Sf9 Baculovirus Cells

PRODUCT SYNONYMS

Glutaminyl-Peptide Cyclotransferase; Recombinant Human Glutaminyl-Peptide Cyclotransferase; QPCT Human; Glutaminyl-Peptide Cyclotransferase Human Recombinant; Glutaminyl Cyclase; QC; Glutaminyl-TRNA Cyclotransferase; Glutamyl Cyclase; EC 2.3.2.5; SQC; EC; GCT; Glutaminyl-peptide cyclotransferase; QPCT recombinant protein

PRODUCT SPECIFICATIONS

Host	Sf9 Baculovirus Cells
Purity/Purification	Greater than 90.0% as determined by SDS-PAGE.
Form/Format	QPCT protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.
Sequence	VSPSASAWPE EKNYHQPAIL NSSALRQIAE GTSISEMWQN DLQPLLIERY PGSPGSYAAR QHIMQRIQRL QADWWLEIDT 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 LHLHHHH HH.
Sequence Length	361
Physical Appearance	Sterile Filtered colorless solution.
Preparation and Storage	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.

ADDITIONAL INFORMATION

Related Product Information for QPCT recombinant protein	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.
Product Categories/Family for QPCT recombinant protein	Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	6912618
NCBI GeneID	25797
NCBI Accession #	NP_036545.1
NCBI GenBank Nucleotide #	NM_012413.3
UniProt Accession #	Q16769 ; Q16770 ; Q3KRG6 ; Q53TR4
NCBI Official Full Name	glutaminyl-peptide cyclotransferase
NCBI Official Synonym Full Names	glutaminyl-peptide cyclotransferase

NCBI Official Symbol	QPCT
NCBI Official Synonym Symbols	QC; GCT; sQC
NCBI Protein Information	glutaminyI-peptide cyclotransferase
UniProt Protein Name	GlutaminyI-peptide cyclotransferase
UniProt Gene Name	QPCT
UniProt Synonym Gene Names	QC; sQC; EC
UniProt Entry Name	QPCT_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/qpct-recombinant-protein-sf9/38028>