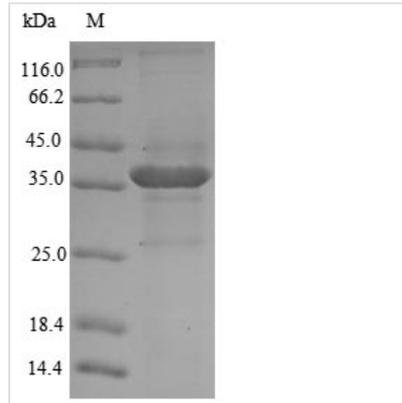




Recombinant Mouse Glutaminyl-peptide cyclotransferase(Qpct)

Product Code	CSB-EP019153MO
Relevance	Responsible for the biosynthesis of pyroglutamyl peptides. Has a bias against acidic and tryptophan residues adjacent to the N-terminal glutaminyl residue and a lack of importance of chain length after the second residue (By similarity).
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q9CYK2
Storage Buffer	Tris-based buffer,50% glycerol
Alias	Glutaminyl cyclase Short name:QC;Glutaminyl-tRNA cyclotransferase
Product Type	Recombinant Protein
Species	Mus musculus (Mouse)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	AWTQEKNHHQPAHLNSSLQQVAEGTISEMWQNDLRPLLIERYPGSPGSYS ARQHIMQRIQRLQAEWVVEVDTFLSRTPYGYRSFSNIISTLNPEAKRHLVLACH YDSKYFPRWDSRVFVGATDSAVPCAMMLELARALDKKLHSLKDVSGSKPDL LRLIFFDGEEAFHHWSPQDSLYGSRHLAQKMASSPHPPGSRGTNQLDGMDDL VLLDLIGAANPTFPNFFPKTTRWFNRLQAIEKELYELGLLKDHSLEKRYFQNF YGNIIQDDHIPFLRKGVPVLHLIASPFPEVWHTMDDNEENLHASTIDNLNKIIQVF VLEYLHL
Research Area	Neuroscience
Source	E.coli
Gene Names	Qpct
Protein Names	Recommended name: Ras-related protein Rab-11A Short name= Rab-11
Expression Region	36-362aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	41.6kDa
Protein Description	Full Length of Mature Protein
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.