



Recombinant Pongo abelii Vitamin K-dependent gamma-carboxylase (GGCX)

Product Code	CSB-CF729102PYX
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	Q5RF50
Product Type	Transmembrane Protein
Immunogen Species	Pongo abelii (Sumatran orangutan) (Pongo pygmaeus abelii)
Sequence	<p>AVSARSARTSPGSDKVQKDKAELISGPRQDSL MGKLLGFEWTDLSSWRRLVT LLNRPTDP ASLAVFRFLFGFLMVL DIPQERGLSSLDRKYLDGLDVCRFPLLDALRPLPLDW MYLVYTI MFLGALGMMLGLCYRISCVL FLLPYWYVFLLDKTSWNNHSYLYGLLAFQLTFM DANHYS VDGLLNARRRNAHVPLWNYAVLRGQIFIVYFIAGVKKLDADWVEGYSMEYLSR HWLFSPF KLLLSEELTSLLVHWGGLLLDLSAGFLLFFDASRSIGLFFVSYFHC MNSQLFSI GMFSY VMLASSPLFCSP EWPRKLVSYCPQRLQELLPLKAAPQPSVSCVYKRSRGKSG QKPGLRHQ LGAAFTLLYLLEQLFLPYSHFLTQGYNNWTNGLYGYSWDMMVHSRSHQHVKI TYRDGRTG ELGYLNPGVFTQSRRWKDHADMLKQYATCLSRLLPKYNVTEPQIYFDIWVSIN DRFQQR I FDPRVDIVQAAWSPFQRTSWVQPLLMDLSPWRAKLQEIKSSLDNHTEV VFIAD FPGLHLE NFVSEDLGNTSIQLLQGEVTVELVAEQKNQTLREGEKMQLPAGEYHKVYTTSP SPSCYMY VYVNTTELALEQDLAYLQELKEKVENGSETGPLPELQPLLEGEVKGGPEPTP LVQTFLR RQQLQEIERRRNTPFHERFFRFLLRKLYVFRRSFLMTCISLRNLILGRPSLEQL AQEVT YANLRPFEQVGELSPSNMDSSHSNPPESNPDPVHSEF</p>
Source	in vitro E.coli expression system
Target Names	GGCX
Protein Names	Recommended name: Vitamin K-dependent gamma-carboxylase EC= 4.1.1.90 Alternative name(s): Gamma-glutamyl carboxylase Peptidyl-glutamate 4-carboxylase Vitamin K gamma glutamyl carboxylase
Expression Region	2-758
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.

**Protein Length**

Full Length of Mature Protein

Shelf Life

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.