



Recombinant Pongo abelii Carboxypeptidase Q (CPQ)

Product Code	CSB-MP732780PYX
Abbreviation	CPQ
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.	Q5RDN7
Product Type	Recombinant Protein
Immunogen Species	Pongo abelii (Sumatran orangutan) (Pongo pygmaeus abelii)
Purity	≥85% (SDS-PAGE)
Sequence	DVAKAI INLAVYGKAQ NRSYERLALL VDTVGPRLSG SKNLEKAIQI MYQNLQQDEL ENVHLEPGRI PHWERGEESA VMLEPRIHKE AILGLGSSIG TPPEGITAEV LVVTSFDELQ RRASEARGKI VVYNQPYINY SRTVQYRTQG AVEAAKVGAL ASLIRSVASF SIYSPHTGIQ EYQDGVPRIP TACITVEDAE MMSRMASRGI RIVIQKMGGA KTYPDTSDFN TVAEITGSKY PEQVVLVSGH LDSWDVGQGA MDDGGGAFIS WEALSLIKDL GLRPKRTLRL VLWTAEQGG VGAFQYYQLH KVNISNYSLV MESDTGTFLP TGLQFTGSEK ARAVMEEVMS LLQPLNVTQV LSHGEGTDIN FWIKAGVPGA SLLDDLYKYF FFHSHGDTM TVMDPKQMNV AAAVWAVVSY VVADMEEMPLP RS
Source	Mammalian cell
Target Names	CPQ
Protein Names	Recommended name: Carboxypeptidase Q EC= 3.4.17.- Alternative name(s): Plasma glutamate carboxypeptidase
Expression Region	45-472
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
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
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.