



Recombinant Pongo abelii Calsequestrin-2 (CASQ2)

Product Code	CSB-EP735765PYX
Abbreviation	CASQ2
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.	Q5RAN9
Product Type	Recombinant Protein
Immunogen Species	Pongo abelii (Sumatran orangutan) (Pongo pygmaeus abelii)
Purity	≥85% (SDS-PAGE)
Sequence	E EGLNFPTYDG KDRVVSLSEK NFKQVLKKYD LLCLYYHEPV SSDKVAQKQF QLKEIVLELV AQLVLEHKAIG FVMVDAKKEA KLAKKLGFD EGSLYILKGD RTIEFDGEFA ADVLVEFLLD LIEDPVEIIS SKLEVQAFER IEDYIKLIGF FKSGDSEYYK AFEEAAEHFQ PYIKFFATFD KGVAKKLSLK MNEVDFYEPF MDEPIAIPNK PYTEEELVEF VKEHQRPTLR RLRPEEMFET WEDDLNGIHI VAFAEKSDPD GYEFLEILKQ VARDNTDNPD LSILWIDPDD FPLLVAWYWEK TFKIDLFRPQ IGVVNVTDAD SVWMEIPDDD DLPTAEELD WIEDVLSGKI NTEDDDDEDD DDDNSDEEDN DDSDDDDDDDE
Source	E.coli
Target Names	CASQ2
Protein Names	Recommended name: Calsequestrin-2 Alternative name(s): Calsequestrin, cardiac muscle isoform
Expression Region	20-400
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.