



Recombinant Rat 6-phosphofructokinase type C (Pfkp)

Product Code	CSB-YP017823RA
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P47860
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	>85% (SDS-PAGE)
Sequence	MSDQDSSTSS TSFPKYLEHL SGDGAIGVL TSGGDAQGMN AAVRAVVRMG IYTGAKVYFI YEGYQGMVDG GSNIVEAKWE CVSSILQVGG TIIGSARCQA FRSREGLRKA ACNLVRLGIT NLCVIGGDGS LTGANLFRKE WSGLLEELAK NGEIDSDTVK KHAYLNVVGM VGSIDNDFCG TDMTIGTDSA LHRIIEVVDA IMTTAQSHQR TFLVLEVMGRH CGYLALVSAL ACGADWVFLP ESPPEEGWEE EMCLKLSENR ARKKRLNIII VSEGAIDTQN KPITSEKIKE LVVTNLGFDT RVTILGHVQR GGTPSAFDRI LASRMGVEAV LALLEATPET PACVVSLRGN QAVRLPLMEC VQMTQDVQKA MDERRFDEAV KLRGRSFEFN LNTYKRLAIK EPDDKIPKSN CNVAIINVGA PAAGMNAAVR SAVRVGIAEG HKMFAIYDGF DGLANGQIKE IGWGDVGGWT GQGG SILGTK RTLP GKYLEK IAEQMHSKNI NALLIIGGFE AYLGLLELAA ARNKHEAFCV PMVMVPATVS NNVP GSDFSI GADTALNTIT DTCDRKQSA SGTKRRVFII ETMGGYCGYL ANMGGLAAGA DAAYIFEEQF DIRDLQSNVM HLTEKMKTSI QRGLVLRNEN CSVNYTTDFI YQLYSEEGKG VFDCRKNVLG HMQQGGAPSP FDRNFGTKIS AKAMEWISAK LKGSHGTGKK FVSDDSICVL GIQKRDL LFK PVAELRKATD FEHRIPKQQW WLKLRPIMKI LAKYEASYDM SDVGKLEPVH NHGELSAI
Source	Yeast
Target Names	Pfkp
Protein Names	Recommended name: 6-phosphofructokinase type C EC= 2.7.1.11 Alternative name(s): Phosphofructo-1-kinase isozyme C Short name= PFK-C Phosphofructokinase 1 Phosphohexokinase
Expression Region	1-788
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 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 $-20^{\circ}\text{C}/-80^{\circ}\text{C}$. The shelf life of lyophilized form is 12 months at $-20^{\circ}\text{C}/-80^{\circ}\text{C}$.