



# Recombinant Mouse Peptidyl-prolyl cis-trans isomerase FKBP7 (Fkbp7)

<b>Product Code</b>	CSB-EP008703MO-B
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	O54998
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Mus musculus (Mouse)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	Q GQTKEESTEE VKIEVLHRPE NCSKTSRKGD LLNAHYDGYL AKDGSKFYCS RTQDEGHPKW FVLGVGHVIK GLDIAMMDMC PGEKRKVIIP PSFAYGKEGY AEGKIPP NAT LMFEIELYAV TKGPRSIETF KQIDTDNDRQ LSKAEIELYL QKDFEKDANP RDKSYQKAVL EDIFKKNDHN GDGFISPKEY NVHQHDEL
<b>Source</b>	E.coli
<b>Target Names</b>	Fkbp7
<b>Protein Names</b>	Recommended name: Peptidyl-prolyl cis-trans isomerase FKBP7 Short name= PPIase FKBP7 EC= 5.2.1.8 Alternative name(s): 23 kDa FK506-binding protein Short name= 23 kDa FKBP Short name= FKBP-23 FK506-binding protein 7
<b>Expression Region</b>	20-218
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Target Details</b>	This protein belongs to the FKBP-type peptidyl-prolyl cis/trans isomerase (PPIase) family. Members of this family exhibit PPIase activity and function as molecular chaperones. A similar protein in mouse is located in the endoplasmic reticulum and binds calcium.
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.