



Recombinant Mouse Forkhead box protein C1 (Foxc1)

Product Code	CSB-YP723416MO
Abbreviation	Foxc1
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.	Q61572
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	≥85% (SDS-PAGE)
Sequence	MQARYSVSSP NSLGVPYLG GEQSYRAAA AAAGGGYTAM PAPMSVYSHP AHAEQYPGSM ARAYGPYTPQ PPKDMVKPP YSYIALITMA IQNAPDKKIT LNGIYQFIMD RFPFYRDNKQ GWQNSIRHNL SLNECFVKVP RDDKKPGKGS YWTLDPDSYN MFENGSLRR RRRFKKKDAV KDKEEKGR LH LQEP PPQAG RQPAPAPPEQ AEGSAPGPQP PPVRIQDIKT ENGTCPSPPQ PLSPAAALGS GSAATVPKIE SPDSSSSSLSGSSPPGSLP SARPLSLDAA EPAPPPQPAP PPHHSQGFSV DNIMTSLRGS PQGSAAELGS GLLASAAASS RAGIAPPLAL GAYSPGQSSL YSSPCSQSSS AGSSGGGGGG GGGGGGSSSA AGTGGAATYH CNLQAMSLYA AGERGGHLQG PAGGAGSAAV DDPLPDYSLP PATSSSSSSL SHGGGGQEAS HHPASHQGRL TSWYLNQAGG DLGHLASAAA AAAAGYPGQ QQNFHSVREM FESQRIGLNN SPVNGNSSCQ MAFPASQSLY RTSGAFVYDC SKF
Source	Yeast
Target Names	Foxc1
Protein Names	Recommended name: Forkhead box protein C1 Alternative name(s): Forkhead-related protein FKHL7 Forkhead-related transcription factor 3 Short name= FREAC-3 Mesoderm/mesenchyme forkhead 1 Short name= MF-1 Transcription facto
Expression Region	1-553
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
Target Details	This gene belongs to the forkhead family of transcription factors which is characterized by a distinct DNA-binding forkhead domain. The specific function of this gene has not yet been determined; however, it has been shown to play a role in the regulation of embryonic and ocular development. Mutations in this



gene cause various glaucoma phenotypes including primary congenital glaucoma, autosomal dominant iridogoniodysgenesis anomaly, and Axenfeld-Rieger anomaly.

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.