Recombinant Mouse Nuclear transcription factor Y subunit alpha (Nfya)

Product Code	CSB-MP015773MO
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P23708
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	>85% (SDS-PAGE)
Sequence	MEQYTTNSNS STEQIVVQAG QIQQQQGGVT AVQLQTEAQV ASASGQQVQT LQVVQGQPLM VQVSGGQLIT STGQPIMVQA VPGGQGQTIM QVPVSGTQGL QQIQLVPPGQ IQIQGGQAVQ VQGQQGQTQQ IIIQQPQTAV TAGQTQTQQQ IAVQGQQVAQ TAEGQTIVYQ PVNADGTILQ QVTVPVSGMI TIPAASLAGA QIVQTGANTN TTSSGQGTVT VTLPVAGNVV NSGGMVMMVP GAGSVPAIQR IPLPGAEMLE EEPLYVNAKQ YHRILKRRQA RAKLEAEGKI PKERRKYLHE SRHRHAMARK RGEGGRFFSP KEKDSPHMQD PNQADEEAMT QIIRVS
Source	Mammalian cell
Target Names	Nfya
Protein Names	Recommended name: Nuclear transcription factor Y subunit alpha Alternative name(s): CAAT box DNA-binding protein subunit A Nuclear transcription factor Y subunit A Short name= NF-YA
Expression Region	1-346
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 protein is one subunit of a trimeric complex, forming a highly conserved transcription factor that binds to CCAAT motifs in the promoter regions in a variety of genes. Subunit A associates with a tight dimer composed of the B and C subunits, resulting in a trimer that binds to DNA with high specificity and affinity. The sequence specific interactions of the complex are made by the A subunit, suggesting a role as the regulatory subunit. In addition, there is evidence of post-transcriptional regulation in this gene product, either by protein degradation or control of translation. Further regulation is represented by alternative splicing in the glutamine-rich activation domain, with clear tissue-specific preferences for the two isoforms.
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.