



# Recombinant Chicken Nuclear transcription factor Y subunit beta (NFYB)

<b>Product Code</b>	CSB-EP015774CH
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P25207
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Gallus gallus (Chicken)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MDGDSSTTDA SQLGIAGDYI GGSHYVIQPH DDTEDSMNDH EDTNGSKESF REQDIYLPYA NVARIMKNAI PQTGKIAKDA KECVQECVSE FISFITSEAS ERCHQEKRKT INGEDILFAM STLGFDYSYVE PLKLYLQKFR EAMKGEKGIG GTVTTGDGLS EELTEEAFTN QLPAGLITTD GQQQNVMVYT TSYQQISGVQ QIQFS
<b>Source</b>	E.coli
<b>Target Names</b>	NFYB
<b>Protein Names</b>	Recommended name: Nuclear transcription factor Y subunit beta Alternative name(s): CAAT box DNA-binding protein subunit B Nuclear transcription factor Y subunit B Short name= NF-YB
<b>Expression Region</b>	1-205
<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 protein
<b>Target Details</b>	This protein is one subunit of a trimeric complex, forming a highly conserved transcription factor that binds with high specificity to CCAAT motifs in the promoter regions in a variety of genes. This gene product, subunit B, forms a tight dimer with the C subunit, a prerequisite for subunit A association. The resulting trimer binds to DNA with high specificity and affinity. Subunits B and C each contain a histone-like motif. Observation of the histone nature of these subunits is supported by two types of evidence; protein sequence alignments and experiments with mutants.
<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.