



Recombinant Rat Thyroxine-binding globulin (Serpina7)

Product Code	CSB-EP021063RA-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P35577
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	≥85% (SDS-PAGE)
Sequence	APHNSSEGKV TTCHLPQQNA TLYKMPSINA DFAFRLYRKL SVENPDLNIF FSPVSISAAL AMLSFGSGSS TQTQILEVLG FNLTDTPVKE LQQGFQHLIC SLNFPNNELE LQMGNVFIG QQLKPLAKFL DDVKTLYETE VFSTDFSNVS AAQHEINSYV EKQTKGKIVG LIQDLKLNII MILVNYIHFQ AQWANPFRVS KTESSNFSV DKSTTVQVPM MHQLEQYYHY VDVELNCTVL QMDYSANALA LFVLPKEGHM EWVEAAMSSK TLKKWNHLLQ KGWVELFVPK FSISATYDLG STLQKMGMRD AFAESADFPG ITKDNGLKLS YAFHKAVLHI GEEGTKEGAS PEAGSLDQPE VAPLHAVIRL DRTFLLMILE KRTRSVLFLG KVVDPSTKE
Source	E.coli
Target Names	Serpina7
Protein Names	Recommended name: Thyroxine-binding globulin Alternative name(s): Serpin A7 T4-binding globulin
Expression Region	21-418
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 of Mature 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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.