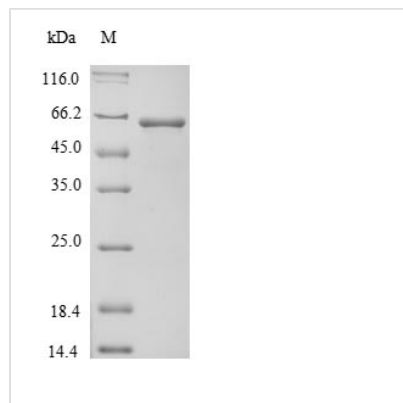




Recombinant Mouse Alpha-fetoprotein (Afp)

Product Code	CSB-EP001421MOe1
Relevance	Binds estrogens, fatty acids and metals.
Abbreviation	Recombinant Mouse Afp protein
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.	P02772
Alias	Alpha-1-fetoprotein Alpha-fetoglobulin
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	KALHENEFGIASTLDSSQCVTEKNVLSIATITFTQFVPEATEEEVNKMTSDVLAA MKKNSGDGCLESQLSVFLDEICHETELSNKYGLSGCCSQSGVERHQCLLARK KTAPASVPPFQFPEPAESCKAHEENRAVFMNRFIYEVSRNPFFMYAPAILSLA AQYDKVVLACCKADNKEECFQTKRASIAKELREGSMLNEHVCSVIRKFGSRNL QATTIIKLSQKLTEANFTEIQKLALDVAHIHEECCQGNLSLECLQDGEKVMYICS QQNILSSKIAECCKLPMIQLGFCIIHAENGVKPEGLSLNPSQFLGDRNFAQFSSE EKIMFMASFLHEYSRTHPNLPVSVILRIAKTYQEILEKCSQSGNLPGCQDNLEE ELQKHIEESQALSKQSCALYQTLGDYKLQNLFLIGYTRKAPQLTSAELIDLTGK MVSIASTCCQLSEEKWSGCGEGMADIFIGHLCIRNEASPVNSGISHCCNSSYS NRRLCITSFLRDETYAPPPFSEDKFIFHKDLCQAQGKALQTMKQELLINLVKQK PELTEEQLAAVTADFSGLLEKCKCAQDQEVCFTEEGPKLISKTRDALGV
Source	E.coli
Target Names	Afp
Expression Region	19-605aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag-Free
Mol. Weight	65.4kDa
Protein Length	Full Length of Mature Protein
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Description

Presenting our expertly crafted Recombinant Mouse Afp protein, specifically designed for researchers studying the functions and regulation of alpha-fetoprotein. Alpha-fetoprotein is a crucial serum protein predominantly produced by the fetal liver, yolk sac, and gastrointestinal tract, and is commonly employed as a biomarker for various pathological conditions.

Sourced from *E. coli*, our Mouse Afp protein features the full length of the mature protein, spanning amino acids 19-605. To ensure optimal protein function and minimize potential artifacts, this recombinant protein is designed as tag-free, eliminating the need for extra amino acid sequences that could interfere with your experiments.

With a purity greater than 90% as determined by SDS-PAGE, our recombinant Afp protein is available in both liquid and lyophilized powder forms, allowing for flexibility in your research applications. Rely on our Recombinant Mouse Afp protein to deliver consistent, high-quality results for your alpha-fetoprotein focused studies.

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.