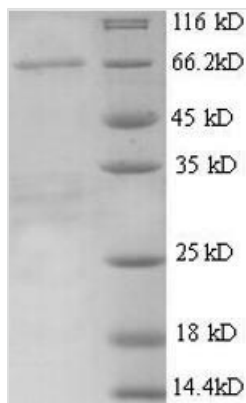




Recombinant Mouse Alpha-fetoprotein (Afp)

Product Code	CSB-YP001421MO
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 QATTIIKLSQKLTEANFTEIQKLALDVAHIHEECCQGNLSLECLQDGEKVMYIC QQNILSSKIAECCCKLPMIQLGFCIIHAENGVKPEGLSLNPSQFLGDRNFAQFSSE EKIMFMAFLHEYSRTHPNLPVSVILRIAKTYQEILEKCSQSGNLPQCQDNLEE ELQKHIEESQALSQSCALYQTLGDYKLNFLIGYTRKAPQLTSAELIDLTGK MVSIASTCCQLSEEKWSGCGEGMADIFIGHLCIRNEASPVNSGISHCCNSSYS NRRLCITSFLRDETYAPPPFSEDKFIFHKDLCQAQGKALQTMKQELLINLVKQK PELTEEQLAAVTADFSGLLEKCKAQDQEVCFTEEGPKLISKTRDALGV
Research Area	Others
Source	Yeast
Target Names	Afp
Protein Names	Recommended name: Alpha-fetoprotein Alternative name(s): Alpha-1-fetoprotein Alpha-fetoglobulin
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	N-terminal 6xHis-tagged
Mol. Weight	67.3kDa
Protein Length	Full Length of Mature Protein
Image	



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

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 $-20^{\circ}\text{C}/-80^{\circ}\text{C}$. 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 $-20^{\circ}\text{C}/-80^{\circ}\text{C}$. The shelf life of lyophilized form is 12 months at $-20^{\circ}\text{C}/-80^{\circ}\text{C}$.