



Recombinant Mouse Alpha-fetoprotein (Afp)

Product Code	CSB-MP001421MO
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
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	>85% (SDS-PAGE)
Sequence	SKALHENEFGIASSTLDSSQCVTEKNVLSIATITFTQFVPEATEEEV NKMTSDVLA AMKKNSGDGCLESQLSVFLDEICHETELSNKYGLSGCCSQSGVERHQCLLAR KKTAPASVPPFQFPEPAESCKAHEENRAVFMNRFIYEVSRRNPFMYAPAILSL AAQYDKVVLACCKADNKEECFQTKRASI AKELREGSMLNEHVCSVIRKFGSRN LQATTIIKLSQKLTEANFTEIQKLALDVAHIHEECCQGSLECLQDGEKVMTYIC SQQNILSSKIAECCKLPMIQLGFCIIHAENGVKPEGLSLNPSQFLGDRNFAQFSS EEKIMFMASFLHEYSRTHPNLPVSVILRIAKTYQEILEKCSQSGNLPGCQDNLE EELQKHIEESQALSKQSCALYQTLGDYKQLQNLFLIGYTRKAPQLTSAELIDLTGK MVSIASTCCQLSEEKWSGCGEGMADIFIGHLCIRNEASPVNSGISHCCNSSYS NRRLCITSFLRDETYAPPPFSEDKFIFHKDLCQAQ GKALQTMKQELLINLVKQK PELTEEQLAAVTADFSGLLEKCKAQDQEVCFTEEGPKLISKTRDALGV
Research Area	Others
Source	Mammalian cell
Target Names	Afp
Expression Region	19-605aa
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	This gene encodes alpha-fetoprotein, a major plasma protein produced by the yolk sac and the liver during fetal life. Alpha-fetoprotein expression in adults is often associated with hepatoma or teratoma. However, hereditary persistence of alpha-fetoprotein may also be found in individuals with no obvious pathology. The protein is thought to be the fetal counterpart of serum albumin, and the alpha-fetoprotein and albumin genes are present in tandem in the same transcriptional orientation on chromosome 4. Alpha-fetoprotein is found in monomeric as well as dimeric and trimeric forms, and binds copper, nickel, fatty acids and bilirubin. The level of alpha-fetoprotein in amniotic fluid is used to measure renal loss of protein to screen for spina bifida and anencephaly.
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

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