

Recombinant Mouse Alpha-fetoprotein(Afp)

Catalog No: #AP70013

Package Size: #AP70013-1 20ug #AP70013-2 100ug #AP70013-3 1mg

Description

Product Name	Recombinant Mouse Alpha-fetoprotein(Afp)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:19-605aaSequence Info:Full Length
Other Names	Alpha-1-fetoprotein;Alpha-fetoglobulin
Accession No.	P02772
Calculated MW	69.3 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	KALHENEFGIASTLDSSQCCTEKNVLSIATITFTQFVPEATEEEVNKMTSDVLAAMKKNSGDGCLESQLSVFLD EICHETELSNKYGLSGCCSQSGVERHQCLLARKKTAPASVPPFQFPEPAESCKAHEENRAVFMNRFIYEVSR RNPFFMYAPAILSLAAQYDKVVLACCKADNKEECFQTKRASIAKELREGSMLNEHVCSVIRKFGSRNLQATTIILK SQKLTEANFTEIQKLALDVAHIHEECCQNSLECLQDGEKVMYICSSQNNILSSKIAECCKLPMIQLGFCIIHAEN GVKPEGLSLNPSQFLGDRNFAQFSSEEKIMFMASFLHEYSRTHPNLPVSILRIAKTYQEILEKCSQSGNLPGC QDNLEELQKHIEESQALSKQSCALYQTLGDYKLQNLFLIGYTRKAPQLTSAELIDLTGKMVSIASSTCCQLSEEK WSGCGEGMADIFIGHLCIRNEASPVNSGISHCCNSSYSNRRLCITSFLRDETYAPPPFSEDKFIFHKDLCQAQG KALQTMKQELLINLVKQKPELTEEQLAAVTADFSGLLEKCKAQDQEVCFTEEGPKLISKTRDALGV
Formulation	Tris-based buffer50% glycerol
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.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Binds estrogens, fatty acids and metals.

References

The rate of molecular evolution of alpha-fetoprotein approaches that of pseudogenes.Minghetti P.P., Law S.W., Dugaiczky A.Mol. Biol. Evol. 2:347-358(1985)Research Topic:Others

Note: This product is for in vitro research use only and is not intended for use in humans or animals.