

## Recombinant Mouse Afp protein, His-tagged

**Cat. No.** Afp-2490M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
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| <b>Product Overview</b> | Recombinant Mouse Afp protein(P02772)(19-605aa), fused to N-terminal His tag, was expressed in E. coli.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>ProteinLength</b>    | 19-605aa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Form</b>             | <p>If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.</p> <p>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.</p>                                                                                                                                                                                                                                                                                                                                                |
| <b>Molecular Mass</b>   | 69.3 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>AA Sequence</b>      | <p>KALHENEFGIASTLDSSQCVTEKNVLSIATITFTQFVPEATEEEVNKMTSDVLAAMKK<br/> NSGDGCLESQLSVFLDEICHETELSNKYGLSGCCSQSGVERHQCLLARKKTAPASV<br/> PPFQFPEPAESCKAHEENRAVFMNRFIYEVSRNPFMYAPAILSLAAQYDKVVLACC<br/> KADNKEECFQTKRASIAKELREGSMLNEHVCSVIRKFGSRNLQATTIIKLSQKLTEAN<br/> FTEIQKLALDVAHIHEECCQGNLSLECLQDGEKVMTYICSQQNILSSKIAECCCKLPMIQL<br/> GFCIIHAENGVKPEGLSLNPSQFLGDRNFAQFSSEEKIMFMASFLHEYSRTHPNLPV<br/> SVILRIAKTYQEILEKCSQSGNLPQCQDNLEELQKHIEESQALSKQSCALYQTLGDY<br/> KLQNLFLIGYTRKAPQLTSAELIDLTGKMVSIASSTCCQLSEEKWSGCGEGMADIFIGH<br/> LCIRNEASPVNSGISHCCNSSYSNRRLCITSFLRDETYAPPPFSEDKFIFHKDLCQAQ</p> |

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|                         |                                                                                                                                                                                                                                                               |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                         | GKALQTMKQELLINLVKQKPELTEEQLAAVTADFSGLLEKCKKAQDQEVCFTEEGPK<br>LISKTRDALGV                                                                                                                                                                                      |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                                                   |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                                                |
| <b>Reconstitution</b>   | 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%. |
| <b>GENE INFORMATION</b> |                                                                                                                                                                                                                                                               |
| <b>Gene Name</b>        | <a href="#">Afp alpha fetoprotein [ Mus musculus ]</a>                                                                                                                                                                                                        |
| <b>Official Symbol</b>  | <a href="#">Afp</a>                                                                                                                                                                                                                                           |
| <b>Synonyms</b>         | AFP; alpha fetoprotein; alpha-fetoprotein; alpha-fetoglobulin; alpha-foetoprotein; alpha-1-fetoprotein;                                                                                                                                                       |
| <b>Gene ID</b>          | <a href="#">11576</a>                                                                                                                                                                                                                                         |
| <b>mRNA Refseq</b>      | <a href="#">NM_007423</a>                                                                                                                                                                                                                                     |
| <b>Protein Refseq</b>   | <a href="#">NP_031449</a>                                                                                                                                                                                                                                     |

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