

Recombinant Mouse Ambp Protein, His/GST-tagged

Cat. No. Ambp-224M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Ambp(Arg18~Ala202) fused with His/GST tag at N-terminal was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Arg18~Ala202
Description	This gene encodes a fusion protein that undergoes proteolytic processing to generate two mature proteins: alpha-1-microglobulin (A1m) is a heme-binding plasma glycoprotein of the lipocalin superfamily of proteins that bind to hydrophobic molecules, whereas bikunin belongs to the superfamily of Kunitz-type protease inhibitors. The transgenic mice specifically lacking bikunin, but not A1m, exhibit female infertility and an increased sensitivity to lung metastasis.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	53.0kDa
Identity	Reconstitute in PBS or others
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 95%

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Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in PBS or others
GENE INFORMATION	
Gene Name	Ambp alpha 1 microglobulin/bikunin [Mus musculus]
Official Symbol	Ambp
Synonyms	AMBP; alpha 1 microglobulin/bikunin; protein AMBP; polypeptide; ulinastatin; Urinary Trypsin Inhibitor; UTI; ASPI; Itil; HI-30; Intin4; AI194774;
Gene ID	11699
mRNA Refseq	NM_007443
Protein Refseq	NP_031469

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