

Recombinant Mouse Ambp Protein, MYC/DDK-tagged

Cat. No. Ambp-590M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse alpha 1 microglobulin/bikunin precursor (Ambp), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
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.
Molecular Mass	39.5 kDa
Purity	>80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name [Ambp alpha 1 microglobulin/bikunin precursor \[Mus musculus \(house mouse\) \]](#)

Official Symbol [Ambp](#)

Synonyms Ambp; alpha 1 microglobulin/bikunin precursor; UTI; ASPI; Itil; HI-30; Intin4; AI194774; protein AMBP; Urinary Trypsin Inhibitor; ulinastatin

Gene ID [11699](#)

mRNA Refseq [NM_007443](#)

Protein Refseq [NP_031469](#)

UniProt ID [Q07456](#)

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