

Alpha-1 Microglobulin Human Recombinant

Item Number	rAP-4506
Synonyms	Alpha-1-microglobulin/bikunin precursor, HCP, ITIL, ITI, EDC1, HI30, IATIL, ITILC, UTI, A1M, bikunin, complex-forming glycoprotein heterogeneous in charge, growth-inhibiting protein 19, inter-alpha-trypsin inhibitor light chain, protein AMBP, protein HC,
Description	AMBP Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 205 amino acids (20-203) and having a molecular mass of 23.1 kDa. AMBP is fused to a 21 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	P02760
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGPVPTPPDN IQVQENFNIS RIYGWYNLA IGSTCPWLKK IM-DRMTVSTL VLGEGATEAE ISMTSTRWRK GVCEETSGAY EKTDTDGKFL YHKSQWNITM ESYVVHTNYD EYAIFLTCKF SRHHGPTITA KLYGRAPQLR ETLQDFRVV AQQVGIPEDS IFTMADRGEV VPGEQEPEPI LIPRV.
Source	E.coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	The AMBP solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 0.1M NaCl and 10% glycerol. Greater than 90% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**