

Product information

AMBP, 20-203aa

Human, His-tagged, Recombinant, *E.coli*

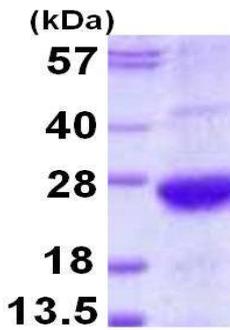
Cat. No. IBATGP1258

Full name: Protein AMBP

NCBI Accession No.: NP_001624

Synonyms: EDC1, HCP, HI30, IATIL, ITI, ITIL, ITILC, UTI

Description: Alpha-1-microglobulin, also known as AMBP, is an immunomodulatory protein with a broad spectrum of possible clinical applications and seems a promising marker for evaluation of tubular function. AMBP specifically interacts with the ORF3 protein of hepatitis E virus and has a direct role in enhancing alpha-1 microglobulin export from the hepatocyte. Recombinant human AMBP protein, fused to His-tag at N-terminus, was expressed in *E.coli* and purified by using conventional chromatography techniques.

<p>Form: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 10% glycerol, 0.1M NaCl</p> <p>Molecular Weight: 23.1 kDa (205aa), confirmed by MALDI-TOF</p> <p>Purity: > 90% by SDS - PAGE</p> <p>Concentration: 0.5 mg/ml (determined by Bradford assay)</p>	 <p>(kDa) 57 40 28 18 13.5</p> <p>15% SDS-PAGE (3ug)</p>
<p>Sequences of amino acids:</p> <p><u>MGSSHHHHH</u> <u>SSGLVPRGSH</u> <u>MGPVPTPPDN</u> IQVQENFNIS RIYGKWNLA IGSTCPWLKK IMDRMTVSTL VLGEGATEAE ISMTSTRWRK GVCEETSGAY EKTDTDGKFL YHKSKNITM ESYVVHTNYD EYAIFLTKKF SRHHGPTITA KLYGRAPQLR ETLLQDFRVV AQQVGIPEDS IFTMADRGEV VPGEQEPEPI LIPRV</p>	

General references:

Vetr H., *et al.* (1990) *Bio Chem Hoppe Seyler.* 371:1185-1196.

Sala A., *et al.* (2004) *J Biol Chem.* 279:51033-51041.

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.