

Product datasheet for **AR50083PU-N**

AMBP (20-203, His-tag) Human Protein

Product data:

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|---------------------------------------|--|
| Product Type: | Recombinant Proteins |
| Description: | AMBP (20-203, His-tag) human recombinant protein, 0.25 mg |
| Species: | Human |
| Expression Host: | E. coli |
| Expression cDNA Clone or AA Sequence: | MGSSHHHHHH SSGLVPRGSH MGPVPTPPDN IQVQENFNIS RIYGKWYNLA IGSTCPWLKK IMDRMTVSTL VLGEGATEAE ISMTSTRWRK GVCEETSGAY EKTDTDGKFL YHKSKNITM ESYVHTNYD EYAIFLTCKF SRHHGPTITA KLYGRAPQLR ETLQDFRVV AQGVGIPEDS IFTMADRGEV VPGEQEPEPI LIPRV |
| Tag: | His-tag |
| Predicted MW: | 23.1 kDa |
| Concentration: | lot specific |
| Purity: | >90% by SDS - PAGE |
| Buffer: | Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 1 mM DTT, 10% glycerol, 0.1M NaCl |
| Preparation: | Liquid purified protein |
| Protein Description: | Recombinant human AMBP protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. |
| Storage: | Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. |
| Stability: | Shelf life: one year from despatch. |
| RefSeq: | NP_001624 |
| Locus ID: | 259 |
| UniProt ID: | P02760 |
| Cytogenetics: | 9q32 |
| Synonyms: | A1M; EDC1; HCP; HI30; IATIL; ITI; ITIL; ITILC; UTI |



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Summary:

This gene encodes a complex glycoprotein secreted in plasma. The precursor is proteolytically processed into distinct functioning proteins: alpha-1-microglobulin, which belongs to the superfamily of lipocalin transport proteins and may play a role in the regulation of inflammatory processes, and bikunin, which is a urinary trypsin inhibitor belonging to the superfamily of Kunitz-type protease inhibitors and plays an important role in many physiological and pathological processes. This gene is located on chromosome 9 in a cluster of lipocalin genes. [provided by RefSeq, Jul 2008]

Protein Families:

Secreted Protein

Product images: