Datasheet for ABIN7280246

# Fetuin A Protein (AA 19-367) (His tag)

1 Image

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## Overview

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|---|---|
| Quantity: | 100 µg |
| Target: | Fetuin A (AHSG) |
| Protein Characteristics: | AA 19-367 |
| Origin: | Human |
| Source: | Escherichia coli (E. coli) |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This Fetuin A protein is labelled with His tag. |
| Application: | SDS-PAGE (SDS) |

## Product Details

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| Sequence: | APHGPGL IYRQPNCDDP ETEEAALVAI DYINQNLPWG YKHTLNQIDE VKVWPQQPSG ELFEIEIDTL ETTCHVLDPT PVARCSVRQL KEHAVEGDCD FQLLKLDGKF SVVYAKCDSS PDSAEDVRKV CQDCPLLAPL NDTRVVHAAK AALAAFNAQN NGSNFQLEEI SRAQLVPLPP STYVEFTVSG TDCVAKEATE AAKCNLLAEK QYGFCKATLS EKLGGAEVAV TCTVFQTQPV TSQPQPEGAN EAVPTPVVDP DAPPSPPLGA PGLPPAGSPP DSHVLLAAPP GHQLHRAHYD LRHTFMGVVS LGSPSGEVSH PRKTRTVVQP SVGAAAGPVV PPCPGRIRHF KV |
| Purity: | > 90% by SDS-PAGE |

## Target Details

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| Target: | Fetuin A (AHSG) |
| Alternative Name: | Fetuin A/AHSG (AHSG Products) |

## Target Details

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| Background: | AHSG, also known as fetuin-A, belongs to the fetuin class of plasma binding proteins. It is involved in several functions, such as endocytosis, brain development and the formation of bone tissue. It is commonly present in the cortical plate of the immature cerebral cortex and bone marrow hemopoietic matrix, and it has been postulated that it participates in the development of the tissues. It forms soluble complexes with calcium and phosphate and thus is a carrier of otherwise insoluble calcium phosphate. Recombinant human AHSG protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques. |
| Molecular Weight: | 39.7 kDa (372aa) confirmed by MALDI-TOF (Molecular weight on SDS-PAGE will appear higher) |
| NCBI Accession: | NP_001613 |

## Application Details

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| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Restrictions: | For Research Use only |

## Handling

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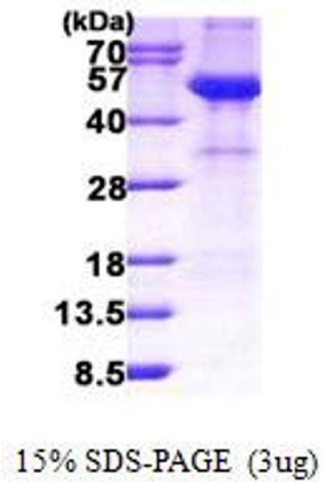
| Format: | Liquid |
| Concentration: | 0.5 mg/mL |
| Buffer: | Liquid. 20 mM Tris-HCl buffer ( pH 8.0) containing 10 % glycerol 0.1M NaCl, 1 mM DTT |
| Storage: | 4 °C,-20 °C,-80 °C |
| Storage Comment: | Can be stored at +2°C to +8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles. |




15% SDS-PAGE (3ug)

**SDS-PAGE**

**Image 1.**