

## Recombinant Human AZU1 protein, His-tagged

**Cat. No.** AZU1-1303H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                    |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human AZU1 protein(P20160)(27-248aa), fused to N-terminal His tag, was expressed in HEK293.                                                                                                                            |
| <b>Species</b>          | Human                                                                                                                                                                                                                              |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                             |
| <b>ProteinLength</b>    | 27-248aa                                                                                                                                                                                                                           |
| <b>Form</b>             | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0. |
| <b>Molecular Mass</b>   | 32.6 kDa                                                                                                                                                                                                                           |
| <b>Purity</b>           | Greater than 85% as determined by SDS-PAGE.                                                                                                                                                                                        |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                     |
| <b>Reconstitution</b>   | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.                                                      |

### GENE INFORMATION

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|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | AZU1 azurocidin 1 [ Homo sapiens ]                                                                                                                                                                                       |
| <b>Official Symbol</b> | AZU1                                                                                                                                                                                                                     |
| <b>Synonyms</b>        | AZU1; azurocidin 1; azurocidin; AZAMP; AZU; CAP37; cationic antimicrobial protein 37; HBP; heparin binding protein; HUMAZUR; NAZC; neutrophil azurocidin; heparin-binding protein; cationic antimicrobial protein CAP37; |
| <b>Gene ID</b>         | 566                                                                                                                                                                                                                      |
| <b>mRNA Refseq</b>     | NM_001700                                                                                                                                                                                                                |
| <b>Protein Refseq</b>  | NP_001691                                                                                                                                                                                                                |
| <b>MIM</b>             | 162815                                                                                                                                                                                                                   |
| <b>UniProt ID</b>      | P20160                                                                                                                                                                                                                   |
| <b>SDS-PAGE</b>        |                                                                                                                                                                                                                          |

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