

## Recombinant human Azurocidin, His (HEK293)

Catalog Number: bs-43022P

Concentration: >0.5 mg/ml

AA Seq: 20-250/251

Predicted MW: 28.6

Detected MW: 40 kDa

Tags: C-His

Activity: Yes

Endotoxin: Not analyzed

Purity: >95% as determined by SDS-PAGE

Purification: AC

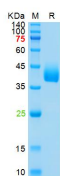
Form: Lyophilized or Liquid

Storage: PBS (pH7.4).

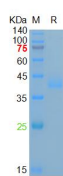
Stored at -70°C or -20°C. Avoid repeated freeze/thaw cycles.

**Background:** This is a neutrophil granule-derived antibacterial and monocyte- and fibroblast-specific chemotactic glycoprotein. Binds heparin. The cytotoxic action is limited to many species of Gram-negative bacteria; this specificity may be explained by a strong affinity of the very basic N-terminal half for the negatively charged lipopolysaccharides that are unique to the Gram-negative bacterial outer envelope. It may play a role in mediating recruitment of monocytes in the second wave of inflammation. Has antibacterial activity against the Gram-negative bacterium *P.aeruginosa*, this activity is inhibited by LPS from *P.aeruginosa*.

### VALIDATION IMAGES



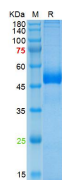
The purity of the protein is greater than 90% as determined by reducing SDS-PAGE.



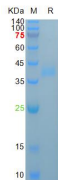
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