

Recombinant Human AZU1 protein, His-tagged, Low Endotoxin

Cat. No. AZU1-588H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human AZU1 protein(P20160)(Ile27-Pro250), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	27-250 aa
Form	Lyophilized from 0.22 µm filtered solution in 20mM PB, 500mM NaCl (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Molecular Mass	The protein has a predicted MW of 25.3 kDa. Due to glycosylation, the protein migrates to 35-45 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC
Storage	Store at -20 to -80°C for 24 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Reconstitution	Dissolve the lyophilized protein in distilled water.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

Gene Name	AZU1 azurocidin 1 [Homo sapiens]
Official Symbol	AZU1
Synonyms	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;
Gene ID	566
mRNA Refseq	NM_001700
Protein Refseq	NP_001691
MIM	162815
UniProt ID	P20160

 Tel: 1-631-559-9269 1-516-512-3133 Email: info@creative-biomart.com  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA