

Azurocidin 1 (AZU1) Recombinant Protein | AZU1 recombinant protein

Recombinant Azurocidin 1 (AZU1)

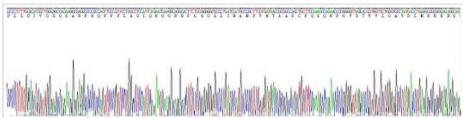
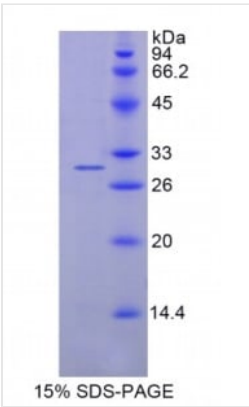
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA134398	E.coli	Homo sapiens (Human)	Western Blot, SDS-Page

PRODUCT SYNONYMS

Azurocidin 1 (AZU1); Recombinant Azurocidin 1 (AZU1); AZU1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Homo sapiens (Human)
Purity/Purification	> 95%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% skl, 5%Trehalose.
Concentration	Original Concentration: 250ug/mL (varies by lot)
Applicable Applications for AZU1 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Pro23~Gly247
Tags	N-terminal His Tag
Subcellular Location	Cytoplasm
Traits	Freeze-dried powder
Predicted isoelectric point	9.1
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.



Identification
Figure. Gene Sequencing (Extract)

SDS-PAGE

PLLDIVGG RKARPROFPF LASTONQGRH
FCGGALIHAR FVMTAASCFQSQNPQVSTVV LGAYDLRRRE RQSRQTFSSIS
SMSSENGYDPQQLNDLMLQLDREANLTSS VTILPLPLQNATVEAGTRCQ
VAGWGSQSRSGRSLSRFPRFVNVTVPEDQC RPNNVCTGVL TRRGGICNGD
GGTPLVCEGLAHGVASFSLGPCRGPDFFT RVALFRDWID GVLNNPG

Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	11342670
NCBI GeneID	566
NCBI Accession #	NP_001691.1
NCBI GenBank Nucleotide #	NM_001700.3
UniProt Accession #	P20160; P80014; Q52LG4; Q9UCM1; Q9UCT5
Molecular Weight	Predicted Molecular Mass: 25.6kDa Accurate Molecular Mass: 26kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	azurocidin preproprotein
NCBI Official Synonym Full Names	azurocidin 1
NCBI Official Symbol	AZU1
NCBI Official Synonym Symbols	AZU; HBP; NAZC; AZAMP; CAP37; HUMAZUR
NCBI Protein Information	azurocidin; neutrophil azurocidin; heparin-binding protein; cationic antimicrobial protein 37; cationic antimicrobial protein CAP37
UniProt Protein Name	Azurocidin
UniProt Gene Name	AZU1
UniProt Synonym Gene Names	HBP
UniProt Entry Name	CAP7_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.