

HUMAN AZU1 PROTEIN, HIS TAG

货号: 11884

产品全名: 人 AZU1 蛋白

规格: 10/50/100 µg

基因符号 AZAMP;AZU;CAP37;HBP;hHBP;HUMAZUR;NAZC

目标蛋白: AZU1

UNIPROT ID: P20160

描述: Recombinant Human AZU1 Protein with C-terminal 6xHis tag

背景: Azurophil granules, specialized lysosomes of the neutrophil, contain at least 10 proteins implicated in the killing of microorganisms. This gene encodes a preproprotein that is proteolytically processed to generate a mature azurophil granule antibiotic protein, with monocyte chemotactic and antimicrobial activity. It is also an important multifunctional inflammatory mediator. This encoded protein is a member of the serine protease gene family but it is not a serine proteinase, because the active site serine and histidine residues are replaced. The genes encoding this protein, neutrophil elastase 2, and proteinase 3 are in a cluster located at chromosome 19pter. All 3 genes are expressed coordinately and their protein products are packaged together into azurophil granules during neutrophil differentiation. [provided by RefSeq, Nov 2015]

物种/宿主: HEK293

分子量: The protein has a predicted molecular mass of 24.9 kDa after removal of the signal peptide. The apparent molecular mass of AZU1-His is approximately 35-55 kDa due to glycosylation.

分子特征: AZU1(Ile27-Pro248) 6×His tag

纯化: The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.

Formulation & Reconstitution: Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

储存和运输: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

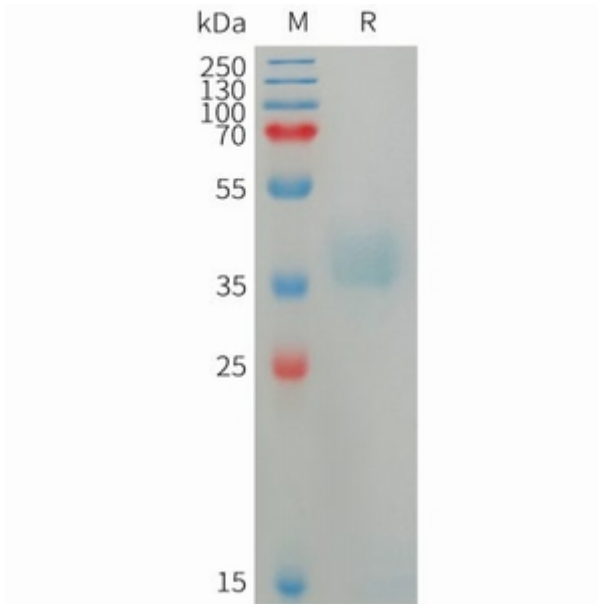


Figure 1. Human AZUI Protein, His Tag on SDS-PAGE under reducing condition.