

Recombinant Human Azurocidin protein ab179973

画像数 1

製品の詳細

製品名	Recombinant Human Azurocidin protein
精製度	> 95 % SDS-PAGE.
エンドキシン・レベル	< 1.000 Eu/μg
発現系	HEK 293 cells
アクセッション番号	P20160
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Human
配列	IVGGRKARPRQFPFLASIQNQGRHFCGGALIHARFVMTAASC FQSQNPGV STVVLGAYDLRRRERQSRQTFSISSMSENGYDPQQNLNDLML LQLDREAN LTSSVTILPLPLQNATVEAGTRCQVAGWGSQRSGGRLSRFPR FVNVTVTP EDQCRPNNVCTGVLTRGGICNGDGGTPLVCEGLAHGVASF LGPCGRGP DFFTRVALFRDWIDGVLNNPGPGP
予測される分子量	26 kDa including tags
領域	27 to 250
タグ	His tag C-Terminus
配列の追加情報	mature form

特性

Our **Abpromise guarantee** covers the use of **ab179973** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション SDS-PAGE

製品の状態 Lyophilized

前処理および保存

保存方法および安定性

Shipped at 4°C. Store at 4°C prior to reconstitution. Store at -80°C. Avoid freeze / thaw cycle. For long term storage it is recommended to add a carrier protein on reconstitution (0.1% HSA or BSA).

pH: 7.40

Constituents: 95% PBS, 5% Trehalose

Lyophilized from 0.22µm filtered solution.

再構成

Reconstitute with sterile deionized water to a concentration of 400 µg/ml.

関連情報

機能

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*. Acting alone, it does not have antimicrobial activity against the Gram-negative bacteria *A.actinomycetemcomitans* ATCC 29532, *A.actinomycetemcomitans* NCTC 9709, *A.actinomycetemcomitans* FDC-Y4, *H.aphrophilus* ATCC 13252, *E.corrodens* ATCC 23834, *C.sputigena* ATCC 33123, *Capnocytophaga* sp ATCC 33124, *Capnocytophaga* sp ATCC 27872 or *E.coli* ML-35. Has antibacterial activity against *C.sputigena* ATCC 33123 when acting synergistically with either elastase or cathepsin G.

配列類似性

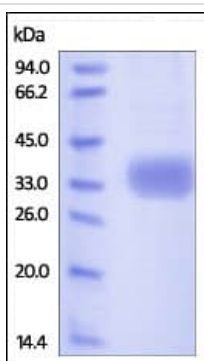
Belongs to the peptidase S1 family. Elastase subfamily.

Contains 1 peptidase S1 domain.

細胞内局在

Cytoplasmic granule. Cytoplasmic granules of neutrophils.

画像



SDS-PAGE - Recombinant Human Azurocidin protein (ab179973)

SDS-PAGE analysis of reduced ab179973 stained overnight with Coomassie Blue. As a result of glycosylation, DTT-reduced protein migrates as 32-40 kDa.

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