

S100A10 Human E. coli

Product Data Sheet

Type: Recombinant

Source: E. coli

Species: Human

Other names: S100 calcium-binding protein A10, Calpactin I light chain, p10 protein, p11, Cellular ligand of annexin II, ANX2LG, CAL1L, CLP11

Cat. No.:

RD172219100

(0.1 mg)

Description

Total 106 AA. MW: 12.31 kDa (calculated). UniProtKB acc.no. P60903. N-Terminal His-tag, 10 extra AA (highlighted).

Research topic

Cardiovascular disease, Others

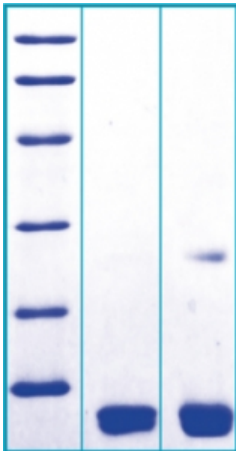
Amino Acid Sequence

MKHHHHHHAS PSQMEHAMET MMFTFHKFAG DKGYLTKEDL RVLMEKEFFG FLENQKDPLA VDKIMKDLQ CRDGKVGFS
FFSLIAGLTI ACNDYFVVHM KQKGKK

Source

E. coli

SDS-PAGE gel



14% SDS-PAGE separation of Human S100A10 protein

1. M.W. marker - 14, 21, 31, 45, 66, 97 kDa

2. reduced and heated sample, 5µg / lane

3. non-reduced and non-heated sample, 5µg / lane

Formulation

Filtered (0,4 µm) and lyophilized in 0.5 mg/mL in 20mM TRIS, 50mM NaCl, pH 7.5

Reconstitution

Add deionized water to prepare a working stock solution of approximately 0.5 mg/mL and let the lyophilized pellet dissolve completely. Filter sterilize your culture media/working solutions containing this non-sterile product before using in cell culture.

Shipping

At ambient temperature. Upon receipt, store the product at the temperature recommended below.

Storage, Stability/Shelf Life

Store lyophilized protein at -20°C. Lyophilized protein remains stable until the expiry date when stored at -20°C. Aliquot reconstituted protein to avoid repeated freezing/thawing cycles and store at -80°C for long term storage. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after one week at 4°C.

Quality Control Test

BCA to determine quantity of the protein.

SDS PAGE to determine purity of the protein.

Applications

Western blotting

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