S100A6 Human E. coli

Product Data Sheet

Type: Recombinant
Source: E. coli
Species: Human
Other names: S100 calcium-binding protein A6, Calcyclin, Prolactin receptor-associated protein, PRA, Growth factor-inducible protein 2A9, MLN 4, CACY

Cat. No.:
RD172215100 (0.1 mg)

Description

Total 100 AA. MW: 11.42 kDa (calculated). UniProtKB acc.no. P06703. N-Terminal His-tag, 10 extra AA (highlighted).

Research topic

Immune Response, Infection and Inflammation, Neural tissue markers, Oncology, Others

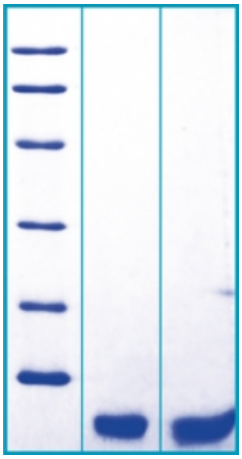
Amino Acid Sequence

MKHHHHHHAS MACPLDQAIG LLVAIFHKYS GREGDKHTLS KKELKELIQK ELTIGSKLQD AEIARLMEDL DRNKDQEVNF QEYVTFLGAL ALIYNEALKG

Source

E. coli

SDS-PAGE gel



14% SDS-PAGE separation of Human S100A6 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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