S100A7 Human E. coli

Product Data Sheet

Type: Recombinant
Source: E. coli
Species: Human
Other names: S100 calcium-binding protein A7, Psoriasin, S100A7, PSOR1, S100A7C

Cat. No.:
RD172216100 (0.1 mg)

Description

Total 109 AA. MW: 12.48 kDa (calculated). UniProtKB acc.no. P31151. N-Terminal His-tag, 9 extra AA (highlighted).

Research topic

Oncology, Others

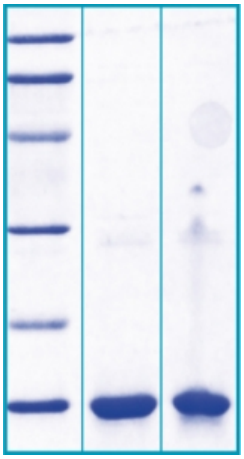
Amino Acid Sequence

MKHHHHHHAS NTQAERSIIG MIDMFHKYTR RDDKIDKPSL LTMMKENFPN FLSACDKKGT NYLADVFEKK DKNEDKKIDF SEFLSLLGDI ATDYHKQSHG AAPCSGGSQ

Source

E. coli

SDS-PAGE gel



14% SDS-PAGE separation of Human S100A7 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, 100mM 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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