

## S100A3 Human E.coli

### Product Data Sheet

**Type:** Recombinant

**Source:** E. coli

**Species:** Human

**Other names:** S100 calcium-binding protein A3, Protein S-100E

**Cat. No.:**

RD172210100

(0.1 mg)

### Description

Total 111 AA. MW: 13.0 kDa (calculated). UniProtKB acc.no. P33764. N-Terminal His-tag, 10 extra AA (highlighted).

### Research topic

Others

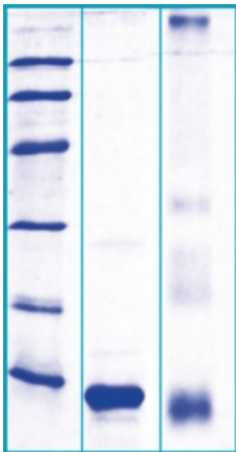
### Amino Acid Sequence

**MKHHHHHHAS** MARPLEQAVA AIVCTFQEYA GRCGDKYKLC QAEKELLQK ELATWTPTEF RECDYNKFMS VLDTNKDCEV  
DFVEYVRSLA CLCLYCHEYF KDCPSEPPCS Q

### Source

E. coli

### SDS-PAGE gel



14% SDS-PAGE separation of Human S100A3 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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