

PRODUCT DATA SHEET

S100A7A Human E. coli

Cat. No.: RD172213100

Size: 0.1 mg

Source: E. coli

Type: Recombinant protein

Species: Human

Other Names:

S100-A15, S100 calcium-binding protein A7A, S100 calcium-binding protein A7-like 1, S100 calcium-binding protein A15

Description:

Total 109 AA. MW: 12.3 kDa (calculated). UniProtKB acc.no. Q86SG5. N-Terminal His-tag, 9 extra AA.

Amino Acid Sequence:

MKHHHHHHAS NTQAERSIIG MIDMFHKYTG RDGKIEKPSL LTMMKENFPN FLSACDKKGI
HYLATVFEKK DKNEDKKIDF SEFLSLLGDI AADYHKQSHG AAPCSGGSQ

Purity:

> 90 % by SDS-PAGE

Endotoxin:

< 1.0 EU/μg

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.

Shipping:

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

Storage/Stability:

Store the lyophilized protein at -80 °C. Lyophilized protein remains stable until the expiry date when stored at -80 °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 week.

Quality Control:

BCA to determine quantity of the protein.
SDS PAGE to determine purity of the protein.

Applications:
Western blotting