

PRODUCT DATA SHEET

S100A12 Human E. coli

Cat. No.: RD172221100

Size: 0.1 mg

Source: E. coli

Type: Recombinant protein

Species: Human

Other Names:

S100 calcium-binding protein A12, Calgranulin-C, CAGC, Neutrophil S100 protein, Calcium-binding protein in amniotic fluid 1, CAAF1, p6, Extracellular newly identified, RAGE-binding protein, EN-RAGE

Description:

Total 101 AA. MW: 11.63 kDa (calculated). UniProtKB acc.no. P80511. N-Terminal His-tag, 10 extra AA.

Amino Acid Sequence:

MKHHHHHHAS TKLEEHLEGI VNIFHQYSVR KGHFDTLKSG ELKQLLTKEL ANTIKNIKDK
AVIDEIFQGL DANQDEQVDF QEFISLVAIA LKAAHYHTHK E

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.
Endotoxin level determination.

Applications:
Western blotting