

CAN19, Protein S-100L
Catalog # PVGS1252

Specification

CAN19, Protein S-100L - Product Information

Primary Accession [NP_005969.1](#)

Species
Human

Sequence

MHHHHHMC SLEQALAVLV TTFHKYSCQE GDKFKLSKGE MKELLHKELP SFVGEKVDDEE GLKKLMGSLD
ENSDQQVDFQ EYAVFLALIT VMCNDFQGC PDRP

Purity

> 95% as analyzed by SDS-PAGE.

Endotoxin Level

< 1 EU/ µg, determined by LAL method.

Formulation

Lyophilized after extensive dialysis against PBS.

Reconstitution

Reconstituted in ddH₂O at 200 µg/ml.

CAN19, Protein S-100L - Additional Information

Target Background

S100 calcium-binding protein A2 (S100A2) is a small calcium binding protein with 2 EF-hand structures and belongs to the S100 family. Greater than 25 different S100 proteins have been identified on chromosome 1q21. S100A2 is primarily localised in the nucleus with translocation to the cytoplasm. S100A2 may function in protein phosphorylation, enzyme activation, inflammation, cellular contraction and relaxation, and nuclear transcription promoting cell proliferation and differentiation. **Recombinant S100 calcium-binding protein A2 (S100A2)** with His tag produced in *E. coli* is a single chain containing 104 amino acids with molecular mass of 11.9 kDa analyzed by reducing SDS-PAGE and is obtained by chromatographic techniques at .

CAN19, Protein S-100L - Protein Information

CAN19, Protein S-100L - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)

- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CAN19, Protein S-100L - Images