



**S100A2, 1-97aa, Human, His tag, E.coli**

**Cat.NO.: TP03824**

3th Edition

**Synonyms:**S100 calcium binding protein A2, CAN19, S100L

**Description:**S100A2 is a member of the S100 family of proteins containing 2 EF-hand calcium-binding motifs. S100A2 may act as a modulator against excess calcium accumulation in normal human mammary epithelial cells and also play a role in suppressing tumor cell growth. This protein may have a tumor suppressor function.

**Form:**Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 5mM DTT, 30% glycerol, 0.2M NaCl

**Molecular Weight:**13.1 kDa (117aa) confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHHSSGLVPRGSHMCSSLEQALAVLVTTFFHKYSCQEGDKFKLSKGEMKELLHKELPSFVGEKVDDEGL  
KKLMGSLDENSDQQVDFQEYAVFLALITVMCNDFFQGCPDRP

**Purity:**> 95% by HPLC

**Concentration:**1 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.