



**S100A11, 1-105aa, Human, His tag, E.coli**

**Cat.NO.: TP03819**

3th Edition

**Synonyms:**S100 calcium binding protein A11, MLN70, S100C.

**Description:**S100A11 is a member of the S100 family of proteins containing 2 EF-hand calcium-binding motifs. S100 proteins are localized in the cytoplasm and/or nucleus of a wide range of cells, and involved in the regulation of a number of cellular processes such as cell cycle progression and differentiation. This protein may function in motility, invasion, and tubulin polymerization.

**Form:**Liquid. 20mM Tris-HCl buffer (pH8.0) containing 30% glycerol 0.1M NaCl, 1mM DTT

**Molecular Weight:**14.2kDa (128aa) confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHSSGLVPRGSHMGSHMAKISSPTETERCIESLIAVFQKYAGKDGNYNLTLSKTEFLSFMNTELAFTK  
NQKDPGVLDMMKKLDTNSDGQLDFSEFLNLIGGLAMACHDSFLKAVPSQKRT

**Purity:**> 95% by HPLC

**Concentration:**1.0 mg/ml (determined by BCA 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.