

S100A6, 1-89aa, Mouse, His tag, E.coli

Cat.NO.: TP03831

3th Edition

Synonyms:S100 calcium binding protein A6 (calcyclin), 2A9, 5B10, Cacy, CALCYCLIN, PRA

Description:S100 calcium binding protein A6 (S100A6) belongs to the S100 family. S100 family is containing 2 EF-hand calcium-binding motifs. S100 proteins regulate a number of cellular processes such as cell cycle progressions and differentiation. S100A6 plays a role in the reorganization of the actin cytoskeleton and in cell mobility. This is a specific target of S-100B protein in vivo.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 30% glycerol, 100mM NaCl

Molecular Weight:12.2kDa (109aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMACPLDQAIGLLVAIFHKYSGKEGDKHTLSKKELKELIQKELTIGSKLQDAEIARLM
DDLDRNKDQEVNFQEYVAFLGALALIYNEALK

Purity:> 95% by HPLC

Concentration:0.5mg/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.