

Recombinant human S100A11 protein

Catalog Number: ATGP0968

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-105aa

UniProt No.

P31949

NCBI Accession No.

NP_005611

Alternative Names

S100 calcium binding protein A11, MLN70, S100C

PRODUCT SPECIFICATION

Molecular Weight

14.3 kDa (129aa) confirmed by MALDI-TOF

Concentration

1mg/ml (determined by BCA assay)

Formulation

Liquid in. Phosphate-Buffered Saline (pH 7.4) containing 20% glycerol

Purity

> 95% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

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. Recombinant human S100A11 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography.

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Amino acid Sequence

<MGSSHHHHHH SSGLVPRGSH MGSH>MAKISS PTETERCIES LIAVFQKYAG KDGYNITLSK TEFLSFMNTE
LAAFTKNQKD PGVLDRMMKK LDTNSDGQLD FSEFLNLIGG LAMACHDSFL KAVPSQKRT

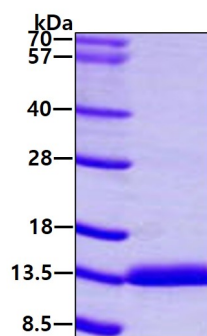
General References

Sakaguchi M., et al. (2003). J Cell Biol., 163:825-35.

Settmacher u., et al. (2005). Int. J. Oncol., 28: 195-200.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.