

Recombinant Human S100A2, His-tagged

Cat. No. S100A2-3414H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human S100A2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
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.
Purity	> 90% by SDS - PAGE.
Concentration	1mg/ml (determined by Bradford assay).
Sequences Of Amino Acids	MGSSHHHHHH SSGLVPRGSH MCSSLEQALA VLVTTFHKYS CQEGDKFKLS KG EMKELLHK ELPSFVGEKV DEEGLKCLMG SLDENSQQVDFQEYAVFLA LITV MC N DFF QGCPDRP.

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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.

GENE INFORMATION

Gene Name [S100A2 S100 calcium binding protein A2 \[Homo sapiens \]](#)

Synonyms S100A2; S100 calcium binding protein A2; CAN19; S100L; MGC111539; OT-THUMP00000032968; OTTHUMP00-000032969; S100 calcium-binding protein A2; Protein S100-A2; Protein S-100L

Gene ID [6273](#)

mRNA Refseq [NM_005978](#)

Protein Refseq [NP_005969](#)

MIM [176993](#)

UniProt ID [P29034](#)

Chromosome Location 1q21

Function calcium ion binding

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