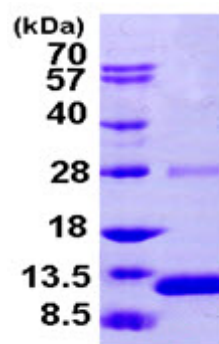


AR09889PU-N

Human S100A2 / CAN19 (1-97, His-tag) - Purified

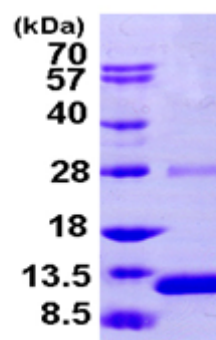
Alternate names:	S-100L, S100 calcium-binding protein A2, S100-A2, S100L
Quantity:	0.1 mg
Concentration:	1.0 mg/ml (determined by Bradford assay)
Background:	S100A2 is a member of the S100 family of proteins containing 2 EF-hand calcium-binding motifs. S100A2 may act as a modulator against excess calcium 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.
Uniprot ID:	P29034
NCBI:	NP_005969
GeneID:	6273
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >90% Buffer System: 20mM Tris-HCl buffer (pH 8.0) containing 5mM DTT, 30% glycerol, 0.2M NaCl
Description:	Recombinant human S100A2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. AA Sequence: <u>MGSSHHHHH SSGLVPRGSH</u> MCSSLEQALA VLVTTFHKYS CQEGDKFKLS KGEMKELLHK ELPSFVGEKV DEEGLKKLMG SLDENSQQV DFQEYAVFLA LITVMCNDF QGCPDRP Molecular weight: 13.1 kDa (117aa) confirmed by MALDI-TOF
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Nagy N., et al. (2001) cell carcinoma migration. Lab. Invest. 81: 599-612. El-Rifai W., et al. (2002) Cancer Res. 62: 6823-6826.

Pictures:



15% SDS-PAGE (3ug)

Recombinant human S100A2, 1-97 aa,
His-tagged



15% SDS-PAGE (3ug)