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Protein S100-A4

Catalog # PVGS1279

Product Information

Primary Accession	NP_002952.1
Species	Human
Sequence	MACPLEKALD VMVSTFHKYS GKEGDKFKLN KSELKELLTR ELPSFLGKRT DEAAFQKLMS NLDSNRDNEV DFQEYCVFLS CIAMMCNEFF EGFPDKQPRK K
Purity	> 90% as analyzed by SDS-PAGE.
Endotoxin Level	
Formulation	Lyophilized after extensive dialysis against 20 mM Tris-HCl, 100 mM NaCl , pH8.0.
Reconstitution	Reconstituted in ddH_2O at 200 □g/ml.

Additional Information

Target Background	S100 calcium-binding protein A4 (S100A4) is a member of the S100 family of proteins containing 2 EF-hand calcium-binding motifs. S100A4 promotes metastasis in several experimental animal models, and S100A4 protein expression is associated with differential patient outcome in a number of tumor types. S100A4 is localized in the nucleus, cytoplasm, and extracellular space and possesses a wide range of biological functions such as regulation of angiogenesis, cell survival, motility, and invasion. Recombinant S100 calcium-binding protein A4 (S100A4) produced in E. coli is a single chain containing 101 amino acids with molecular mass of 11.7 kDa analyzed by reducing SDS-PAGE and is obtained by chromatographic techniques at .

Protein Information

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