

Recombinant Human S100A9 Protein, His-tagged

Cat. No. S100A9-233H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human S100A9 protein, fused to His-tag at N-terminus, was expressed in E.coli.
Species	Human
Source	Insect Cells
Description	The protein encoded by this gene 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. S100 genes include at least 13 members which are located as a cluster on chromosome 1q21. This protein may function in the inhibition of casein kinase and altered expression of this protein is associated with the disease cystic fibrosis. This antimicrobial protein exhibits antifungal and antibacterial activity. [provided by RefSeq, Nov 2014]
Form	50 mM Tris.HCl pH 8.0, 150 mM NaCl, 20 % glycerol. Store at -80 centigrade. Avoid repeated freeze-thaw cycles. Stable for at least 3 months from receipt of products under proper storage and handling conditions.
Molecular Mass	13 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Concentration >50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name S100 calcium binding protein A9 [Homo sapiens]

Official Symbol S100A9

Synonyms 60B8AG; CAGB; CFAG; CGLB; L1AG; LIAG; MAC387; MIF; MRP14; NIF; P14

Gene ID 6280

mRNA Refseq NM_002965.3

Protein Refseq NP_002956.1

MIM 123886

UniProt ID P06702

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