

Datasheet for ABIN2731329
S100A9 Protein (His tag)



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1 Image

Overview

Quantity:	20 µg
Target:	S100A9
Origin:	Human
Source:	Insect cells (Sf9)
Protein Type:	Recombinant
Purification tag / Conjugate:	This S100A9 protein is labelled with His tag.
Application:	Antibody Production (AbP), Standard (STD)

Product Details

Characteristics:	• Recombinant human S100A9 / Calgranulin-B / MRP14 (N-term polyhistidine tag) protein expressed in Sf9 cells. • Produced with end-sequenced ORF clone
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining

Target Details

Target:	S100A9
Alternative Name:	s100a9,calgranulin-B,mrp14 (S100A9 Products)
Background:	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

Target Details

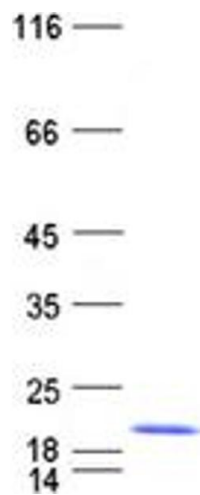
	located as a cluster on chromosome 1q21. This protein may function in the inhibition of casein kinase and altered expression of this protein is associated with the disease cystic fibrosis. This antimicrobial protein exhibits antifungal and antibacterial activity.
Molecular Weight:	13 kDa
NCBI Accession:	NP_002956
Pathways:	Transition Metal Ion Homeostasis , Positive Regulation of Endopeptidase Activity , S100 Proteins

Application Details

Application Notes:	Recombinant human proteins can be used for: Native antigens for optimized antibody production Positive controls in ELISA and other antibody assays
Comment:	The tag is located at the N-terminal.
Restrictions:	For Research Use only

Handling

Concentration:	50 µg/mL
Buffer:	50 mM Tris-HCl pH 8.0, 150 mM NaCl, 20 % glycerol. Store at -80C. Avoid repeated freeze-thaw cycles. Stable for at least 3 months from receipt of products under proper storage and handling conditions.
Storage:	-80 °C
Storage Comment:	Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.



Western Blotting

Image 1. Validation with Western Blot