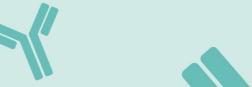
antibodies - online.com







S100A9 Protein (AA 2-113) (His tag)



Image



Overview

Quantity:	100 μg
Target:	S100A9
Protein Characteristics:	AA 2-113
Origin:	Mouse
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This S100A9 protein is labelled with His tag.

Product Details

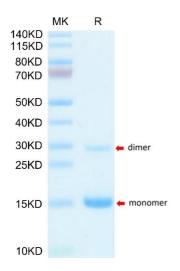
Purpose:	Mouse S100A9/MRP14 Protein
Sequence:	Ala2-Lys113
Characteristics:	Recombinant Mouse S100A9/MRP14 Protein is expressed from E.coli with His tag at the N-Terminus.It contains Ala2-Lys113.
Purity:	> 95 % as determined by Tris-Bis PAGE
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per μg by the LAL method.

Target Details

Target:	S100A9
Alternative Name:	S100A9 (S100A9 Products)

Target Details

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Background:	S100A8 and S100A9 (also known as MRP8 and MRP14, respectively) are Ca2 binding proteins belonging to the S100 family. They often exist in the form of heterodimer, while homodimer exists very little because of the stability. S100A8/A9 is constitutively expressed in neutrophils and monocytes as a Ca2 sensor, participating in cytoskeleton rearrangement and arachidonic acid metabolism.
Molecular Weight:	14.1 kDa.The protein migrates to 29 kDa (dimer)&15 kDa (monomer) based on Tris-Bis PAGE result.
UniProt:	P31725
Pathways:	Transition Metal Ion Homeostasis, Positive Regulation of Endopeptidase Activity, S100 Proteins
Application Details	
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Supplied as 0.22µm filtered solution in PBS, 1 mM DTT, 20 % Glycerol (pH 7.5).
Preservative:	Dithiothreitol (DTT)
Precaution of Use:	This product contains Dithiothreitol (DTT): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-80 °C
Storage Comment:	Valid for 12 months from date of receipt when stored at -80°C., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months



SDS-PAGE

Image 1. Mouse S100A9/MRP14 on Tris-Bis PAGE under reduced condition. The purity is greater than $95\,\%$.