

RP03159LQ

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Recombinant Mouse S100A9/MRP14 Protein

Catalog No.: RP03159LQ

Recombinant

Sequence Information

| Species | Gene ID | Swiss Prot |
|---------|---------|------------|
| Mouse | 20202 | P31725 |

Tags

N-His

Synonyms

S100-A9; Calgranulin-B; Calprotectin L1H subunit; MRP-14; p14; CAGB; MRP14;S100A9

Product Information

Source

<I>E. coli</I>

Purification

> 95% by SDS-PAGE.

Endotoxin

< 1 EU/μg

Formulation

Supplied as 0.22μm filtered solution in PBS, 1mM DTT, 20% Glycerol pH 7.5.

Reconstitution

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.

Basic Information

Description

Recombinant Mouse S100A9/MRP14 Protein is produced by <I>E. coli</I> expression system. The target protein is expressed with sequence (Ala2-Lys113) of mouse S100A9/MRP14 fused with a His tag at the N-terminus.

Bio-Activity

Storage

This product is stable at ≤ -70°C for up to 1 year from the date of receipt.
For optimal storage, aliquot into smaller quantities after centrifugation and store at recommended temperature.

Avoid repeated freeze/thaw cycles.

Contact



www.abclonal.com

Validation Data



Recombinant Mouse S100A9/MRP14 Protein was determined by SDS-PAGE with Coomassie Blue, showing 29 kDa (dimer)&15 kDa (monomer).