Recombinant Mouse S100-A9 Protein

Catalog No.: RP03159LQ

Sequence Information

Species
Mouse

Gene ID
20202

Swiss Prot
P31725

Tags
N-His

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

Product Information

Source
E. coli

Purification
≥ 95 % as determined by SDS-PAGE.

Calculated MW
14.1 kDa

Observed MW
29 kDa (dimer) &15 kDa (monomer)

Endotoxin
< 1 EU/μg of the protein by LAL method.

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 S100-A9 Protein is produced by *E. coli* expression system. The target protein is expressed with sequence (Ala2-Lys113) of mouse S100A9/MRP14 fused with a His tag at the N-terminus.

Activity

Shipping
Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage
Store at -70℃

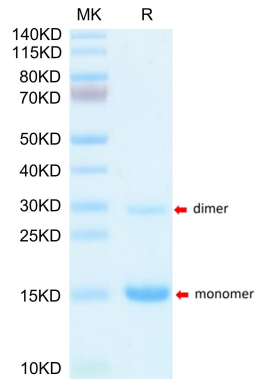
Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

400-999-6126
cn.market@abclonal.com.cn
www.abclonal.com.cn

For research use only. Not for therapeutic or diagnostic purposes.
Please visit http://abclonal.com for a complete listing of recommended products.

Validation Data



Recombinant Mouse S100-A9 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.