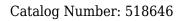
# Mouse S100a8/Caga/Mrp8 (His tag) recombinant protein





# **General Information**

#### Gene Name Synonym

Protein S100-A8, Calgranulin-A, Chemotactic cytokine CP-10, Leukocyte L1 complex light chain, Migration inhibitory factor-related protein 8, MRP-8, Pro-inflammatory S100 cytokine, S100 calcium-binding protein A8, S100a8, Caga, Mrp8

## **Protein Construction**

A DNA sequence encoding the Mouse S100a8/Caga/Mrp8 Met1-Glu89 is expressed with a 6His tag at the C-terminus.

## Organism

Mouse

## **Expression Host**

E. coli

# **QC Testing**

#### Purity

>95% as determined by SDS-PAGE.

#### Endotoxin

 ${<}1.0$  EU per  $\mu g$  protein as determined by the LAL method.

#### Stability

Store for up to 12 months at -20°C to -80°C as lyophilized powder. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

#### Formulation

Lyophilized from a 0.2  $\mu m$  filtered solution of 20mMTris[]pH8.0.

# **Usage Guide**

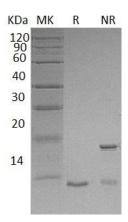
#### Storage

Lyophilized protein should be stored at <-20 °C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7 °C for 2-7 days.

## Reconstitution

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than  $100\mu$ g/ml. Dissolve the lyophilized protein in ddH2O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

# **SDS-PAGE**



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