### Mouse S100A9/MRP14 Protein

Cat. No. SA9-ME101



Description	
Source	Recombinant Mouse S100A9/MRP14 Protein is expressed from E.coli with His tag at the N-Terminus.
	It contains Ala2-Lys113.
Accession	P31725
Molecular Weight	The protein has a predicted MW of 14.1 kDa same as Bis-Tris PAGE result.
Endotoxin	Less than 1EU per μg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE

# Formulation and Storage

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

Storage Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller

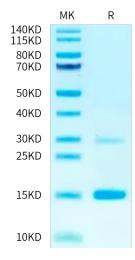
quantities for optimal storage. Please minimize freeze-thaw cycles.

### **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.

# **Assay Data**

#### **Bis-Tris PAGE**



Mouse S100A9 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.