

Recombinant Human S100 Calcium Binding Protein A9 Protein

Cat.NO.: TP04686

3th Edition

Synonyms:Protein S100-A9;Calgranulin-B;Calprotectin L1H subunit;Leukocyte L1 complex heavy chain;MRP-14;CAGB; CFAG

Description:Protein S100-A9 (also MRP14 and calgranulin B)is a calcium- and zinc-binding protein which plays a prominent role in the regulation of inflammatory processes and immune response.It can induce neutrophil chemotaxis, adhesion, can increase the bactericidal activity of neutrophils by promoting phagocytosis via activation of SYK, PI3K/AKT, and ERK1/2 and can induce degranulation of neutrophils by a MAPK-dependent mechanism.

Form:PBS

Molecular Weight:13.2 kDa

Sequences:Thr 2-Pro114

Purity:> 95% by HPLC

Concentration:

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.