



Recombinant Human S100 Calcium Binding Protein A8/S100A8/Mrp8 Protein(C-6His)

Cat.NO.: TP04710

3th Edition

Synonyms:Protein S100-A8;S100A8;Calgranulin-A;Cystic fibrosis antigen;Leukocyte L1 complex light chain;MRP-8

Description:Protein S100-A8 (also MRP8 and calgranulin A) is a calcium- and zinc-binding protein.It plays a prominent role in the regulation of inflammatory processes and immune response. S100A8 can induce neutrophil chemotaxis and adhesion. Its role as an oxidant scavenger has a protective role in preventing exaggerated tissue damage by scavenging oxidants. It can act as a potent amplifier of inflammation in autoimmunity as well as in cancer development and tumor spread.

Form:PBS

Molecular Weight:11.7 kDa

Sequences:Met 1-Glu93

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.