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32-9124: Recombinant Human S100 Calcium Binding Protein S100A8/S100A9 Heterodimer (C-His)

Alternative Name : S100A8/A9

Description

Source : E. coli;
S100A8 and S100A9 are pro-inflammatory members of the S100 family of secreted calcium binding proteins. They are produced by neutrophils and monocytes, and forms Ca2+-dependent heterodimer/heterotetramer complexes (known as calprotectin). Calprotectin (S100A8/A9) is upregulated at sites of inflammation (e.g. psoriasis, rheumatoid arthritis, cardiac ischemia). It is involved in facilitating leukocyte arachidonic acid trafficking and metabolism, modulation of the tubulin-dependent cytoskeleton during migration of phagocytes and activation of the neutrophilic NADPH-oxidase.

Product Info

Amount : 500 µg / 50 µg

Content : Supplied as a 0.2 um filtered solution of 2umM HEPES, 15umM NaCl, 10% Glycerol, 2.umM EDTA, pH7.4.

Amino Acid : Recombinant Human S100A8/S100A9 Heterodimer is produced by E.coli. The target gene encoding M1-E93 &; M1-P114 is expressed with a 6His tag at the C-terminus.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.