Recombinant Human S100-A8 Protein

Catalog No.: RP01629LQ

Sequence Information

Species
Human

Gene ID
6279

Swiss Prot
P05109

Tags
N-T7 tag-Flag

Synonyms
60B8AG, CAGA, CFAG, CGLA, CP-10, L1Ag, MA387, MIF, MRP8, NIF, P8,S100A8,CAGA,CFAG,CGLA,CP-10,L1Ag,MA387,MIF,MRP8,NIF,P8

Product Information

Source
E. coli

Purification
≥ 95 % as determined by SDS-PAGE.

Calculated MW
11.84 kDa

Observed MW
15-20 kDa

Endotoxin
< 1 EU/μg of the protein by LAL method.

Formulation
Supplied as a 0.22 μm filtered solution in 50mM Tris, 500mM NaCl, 5mM MgSO4 and 5% glycerol, pH8.0

Reconstitution

Background

This protein is a member of the S100 family of proteins containing 2 EF-hand calcium-binding motifs. S100 proteins are localized in the cytoplasm and/or nucleus of a wide range of cells, and involved in the regulation of a number of cellular processes such as cell cycle progression and differentiation. S100 genes include at least 13 members which are located as a cluster on chromosome 1q21. This protein may function in the inhibition of casein kinase and as a cytokine. Altered expression of this protein is associated with the disease cystic fibrosis. Multiple transcript variants encoding different isoforms have been found for this gene.

Basic Information

Description
Recombinant Human S100-A8 Protein is produced by E. coli expression system. The target protein is expressed with sequence (Met1-Glu93) fused with T7 tag-Flag tag at the N-terminus.

Activity

Shipping
Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage
Store at -70℃

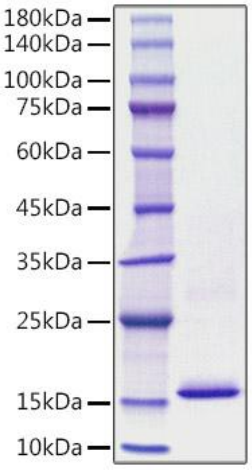
Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

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For research use only. Not for therapeutic or diagnostic purposes.
Please visit http://abclonal.com for a complete listing of recommended products.

Validation Data



Recombinant Human S100-A8 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.