www.neobiolab.com
info@neobiolab.com
888.754.5670, +1 617.500.7103 United States
0800.088.5164, +44 020.8123.1558 United Kingdom

S100A9 Mouse

Catalog #:PRPS-885

For research use only.

Description:S100A9 Mouse Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 133 amino acids (1-113) and having a molecular mass of 15.2 kDa.The S100A9 is fused to a 20 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.

Synonyms: Calgranulin B, 60B8AG, CAGB, CFAG, CGLB, L1AG, LIAG, MAC387, MIF, MRP14, NIF, P14, Protein S100-A9, S100 calcium-binding protein A9.

Source: Escherichia Coli.

Physical Appearance:S100A9 is supplied as a sterile filtered clear solution.

Amino Acid Sequence:MGSSHHHHHH SSGLVPRGSH MANKAPSQME RSITTIIDTF HQYSRKEGHP DTLSKKEFRQ MVEAQLATFM KKEKRNEALI NDIMEDLDTN QDNQLSFEEC MMLMAKLIFA CHEKLHENNP RGHGHSHGKG CGK

Purity: Greater than 90.0% as determined by SDS-PAGE.

Formulation:
S100A9 protein (0.5mg/ml) is supplied in 20mM Tris-HCL, pH-8, 1mM DTT and 20% Glycerol.

Stability:
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.

Usage:
NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drµgs, agricultural or pesticidal products, food additives or household chemicals.

Introduction:
S100A9 is part of the S100 family of proteins containing 2 EF-hand calcium-binding motifs. S100A9 protein is localized in the cytoplasm and/or nucleus of a wide range of cells, and participates in the regulation of several cellular processes such as cell cycle progression and differentiation. S100 genes include no less than 13 proteins which are localized as a cluster on chromosome 1q21. S100A9 is involved in the inhibition of casein kinase and altered expression of this protein is associated with the disease cystic fibrosis.

To place an order, please Click HERE.

© 2015 NeoScientific

Copyrights @ 2013 NEO Group 245 First Street, 18th Floor, Cambridge MA 02142 888.754.5670 (toll-free)
Request a CATALOG CLICK HERE