

S100 Calcium Binding Protein A9 Recombinant Protein | S100A9 recombinant protein

Recombinant Human S100 Calcium Binding Protein A9

CATALOG # AAA38819	HOST E Coli
------------------------------	-----------------------

PRODUCT SYNONYMS

S100 Calcium Binding Protein A9; Recombinant Human S100 Calcium Binding Protein A9; S100A9 Human; S100 Calcium Binding Protein A9 Human Recombinant; Calgranulin B; 60B8AG; CAGB; CFAG; CGLB; L1AG; LIAG; MAC387; MIF; MRP14; NIF; P14; Protein S100-A9; S100 calcium-binding protein A9; S100A9 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 90% as determined by SDS-PAGE.
Form/Format	S100A9 Human solution containing 20mM Tris HCl pH-8, 0.1M NaCl and 10% glycerol. Sterile filtered colorless solution.
Concentration	1mg/ml (varies by lot)
Sequence	MTCKMSQLER NIETIINTFH QYSVKLGHPD TLNQGEFKEL VRKDLQNFLK KENKNEKVIE HIMEDLDTNA DKQLSFEEFI MLMARLTWAS HEKMHEGDEG PGHHHKPGLG EGTPLEH HHHHH
Sequence Length	114
Preparation and Storage	Store at 4 degree C if entire vial will be used within 2-4 weeks. Store, frozen at -20 degree 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.

ADDITIONAL INFORMATION

Related Product Information for S100A9 recombinant protein	Description: S100A9 Human Recombinant produced in E Coli is a single, non-glycosylated, polypeptide chain containing 122 amino acids (1-114 a.a.) and having a molecular mass of 14.3kDa. S100A9 protein is fused to an 8 amino acid His-Tag at C-terminus and purified by standard chromatography. 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.
Product Categories/Family for S100A9 recombinant protein	Recombinant & Natural Proteins ; Recombinant Proteins ; Calcium Binding Protein

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506773
NCBI GeneID	6280
NCBI Accession #	NP_002956.1
NCBI GenBank Nucleotide #	NM_002965.3
UniProt Accession #	P06702; Q6FGA1; Q9NYM0; Q9UCJ1; D3DV36

Molecular Weight	13,242 Da
NCBI Official Full Name	protein S100-A9
NCBI Official Synonym Full Names	S100 calcium binding protein A9
NCBI Official Symbol	S100A9
NCBI Official Synonym Symbols	MIF; NIF; P14; CAGB; CFAG; CGLB; L1AG; LIAG; MRP14; 60B8AG; MAC387
NCBI Protein Information	protein S100-A9; MRP-14; S100 calcium-binding protein A9 (calgranulin B); calgranulin-B; calprotectin L1H subunit; leukocyte L1 complex heavy chain; migration inhibitory factor-related protein 14
UniProt Protein Name	Protein S100-A9
UniProt Gene Name	S100A9
UniProt Synonym Gene Names	CAGB; CFAG; MRP14; MRP-14; p14
UniProt Entry Name	S10A9_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/s100a9-recombinant-protein-e-coli/38819>