

Recombinant Full Length Human S100A9, His-tagged

Cat. No. S100A9-3733H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Total 123 AA. MW: 14.35 kDa (calculated). N-Terminal His-tag, 10 extra AA (highlighted).
Species	Human
Source	E.coli
Description	Protein S100-A9 also known as migration inhibitory factor-related protein 14 (MRP-14) or calgranulin-B is a protein that in humans is encoded by the S100A9 gene.
Form	Filtered (0,4 µm) and lyophilized in 0.5 mg/mL in 20mM TRIS, 50mM NaCl, PH 7.5
Reconstitution	Add deionized water to prepare a working stock solution of approximately 0.5 mg/mL and let the lyophilized pellet dissolve completely. Product is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.
Applications	Western blotting
Quality Control Test	BCA to determine quantity of the protein; SDS PAGE to determine purity of the protein
Sequences of amino acids	MKHHHHHHAS TCKMSQLERN IETIINTFHQ YSVKLGHPDT LNQGFEKELV RKDLQNFLKK ENKNEKVIEH IMEDLDTNAD KQLSFEEFIM LMARLTWASH EKMHEGDEGP GHHHKPGLGE GTP

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 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage

Store lyophilized protein at -20°C. Lyophilized protein remains stable until the expiry date when stored at -20°C. Aliquot reconstituted protein to avoid repeated freezing/thawing cycles and store at -80°C for long term storage. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after one week at 4°C.

GENE INFORMATION
Gene Name

[S100A9](#) [S100 calcium binding protein A9 \[Homo sapiens \]](#)

Official Symbol

[S100A9](#)

Synonyms

S100A9; S100 calcium binding protein A9; MIF; NIF; P14; CAGB; CFAG; CGLB; L1AG; LIAG; MRP14; 60B8AG; MAC387; protein S100-A9; MRP-14; calgranulin B; OTTHUMP00000015331; calprotectin L1H subunit; leukocyte L1 complex heavy chain; migration inhibitory factor-related protein 14; S100 calcium-binding protein A9 (calgranulin B); S100 calcium binding protein A9 (calgranulin B); p14

Gene ID

[6280](#)

mRNA Refseq

[NM_002965](#)

Protein Refseq

[NP_002956](#)

MIM

[123886](#)

UniProt ID

[P06702](#)

**Chromosome
Location**

1q21

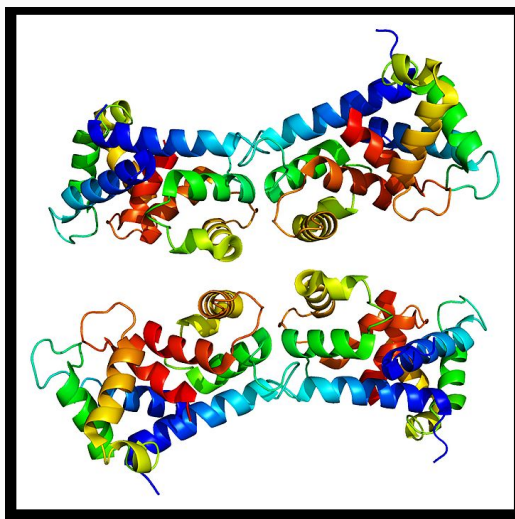
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Function

calcium ion binding; protein binding; signal transducer activity

Protein S100A9 PDB**1irj** Tel: 1-631-559-9269 1-516-512-3133 Email: info@creative-biomart.com  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA