

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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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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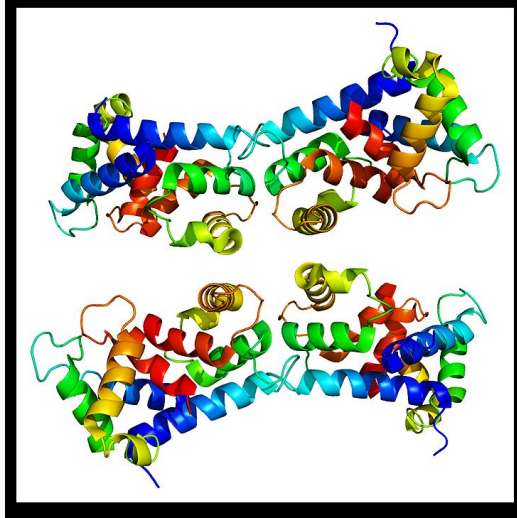
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Function

calcium ion binding; protein binding; signal transducer activity

Protein S100A9 PDB
1irj



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