

Recombinant Human S100A9 protein, His-tagged

Cat. No. S100A9-4633H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human S100A9 protein(P06702)(Thr2-Pro114), fused with C-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	Thr2-Pro114
Tag	C-His
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Molecular Mass	The protein has a predicted MW of 14.3 kDa.The protein migrates to 27 kDa (dimer)&14.3 kDa (monomer) based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC
Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
Reconstitution	Centrifuge tubes before opening. Reconstituting to a concentration more than 100

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µg/ml is recommended. Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

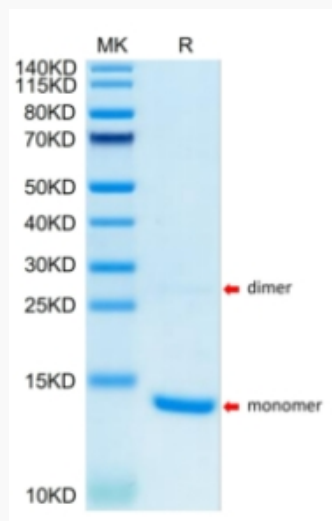
Gene Name	S100A9 S100 calcium binding protein A9 [Homo sapiens]
Official Symbol	S100A9
Synonyms	S100A9; S100 calcium binding protein A9; CAGB, CFAG, S100 calcium binding protein A9 (calgranulin B) , S100 calcium binding protein A9 (calgranulin B); protein S100-A9; 60B8AG; CGLB; LIAG; MAC387; MIF; MRP14; NIF; P14; MRP-14; calgranulin B; calgranulin-B; calprotectin L1H subunit; leukocyte L1 complex heavy chain; migration inhibitory factor-related protein 14; S100 calcium-binding protein A9 (calgranulin B); CAGB; CFAG; L1AG;
Gene ID	6280
mRNA Refseq	NM_002965
Protein Refseq	NP_002956
MIM	123886
UniProt ID	P06702

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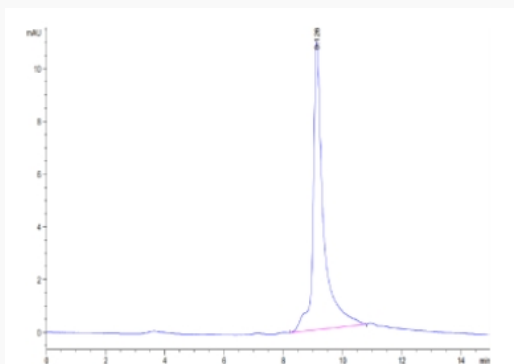
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Tris-Bis PAGE



SEC-HPLC



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