Recombinant Human S100A8&S100A9 protein, His-tagged

Cat. No. S100A8 & S100A9-2218H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human S100A8&S100A9 protein(P05109(S100A8)&P06702(S100A9))(Met1-Glu93(S100A8) & Thr2-Pro114(S100A9)), fused with C-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Glu93(S100A8) & Thr2-Pro114(S100A9)
Tag	C-His
Form	Lyophilized from 0.22μm filtered solution in 2mM DTT, PBS (pH 7.2). Normally 5% trehalose is added as protectant before lyophilization.
Molecular Mass	The protein has a predicted MW of 11.7 kDa(S100A8)&13.2 kDa(S100A9) same as 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.

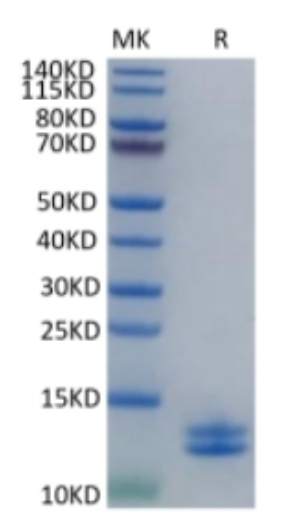
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Reconstitution	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 μg/ml is recommended. Dissolve the lyophilized protein in distilled water.
GeneID 2	6280

GENE INFORMATION

Gene Name	S100A8 S100 calcium binding protein A8 [Homo sapiens]
Official Symbol	S100A8
Synonyms	S100A8; S100 calcium binding protein A8; CAGA, CFAG, S100 calcium binding protein A8 (calgranulin A) , S100 calcium binding protein A8 (calgranulin A); protein S100-A8; 60B8AG; CGLA; MRP8; P8; MRP-8; calgranulin A; calgranulin-A; cystic fibrosis antigen; calprotectin L1L subunit; urinary stone protein band A; leukocyte L1 complex light chain; migration inhibitory factor-related protein 8; S100 calcium-binding protein A8 (calgranulin A); MIF; NIF; CAGA; CFAG; L1Ag; CP-10; MA387;
Gene ID	6279
mRNA Refseq	NM_002964
Protein Refseq	NP_002955
MIM	123885
UniProt ID	P05109
Gene Name 2	S100A9 S100 calcium binding protein A9 [Homo sapiens]
Official Symbol 2	S100A9

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Synonyms 2	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;
mRNA Refseq 2	NM_002965
Protein Refseq 2	NP_002956
MIM 2	123886
UniProt ID 2	P06702
Tris-Bis PAGE	

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