

## Active Recombinant Human S100A8, His tagged

**Cat. No.** S100A8-2216H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human S100A8 (NP_002955.2) (Met 1-Glu 93), fused with a polyhistidine tag at the C-terminus, was produced in Baculovirus-Insect cells.
<b>Species</b>	Human
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	Met 1-Glu 93
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4
<b>Bio-activity</b>	Measured by its ability to bind recombinant human S100A9 in a functional ELISA.
<b>Molecular Mass</b>	The recombinant human S100A8 consists of 103 amino acids and predicts a molecular mass of 12.2 kDa. It migrates as an approximately 14.6 kDa band in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 EU per µg protein as determined by the LAL method.
<b>Purity</b>	> 90 % as determined by SDS-PAGE
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

**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

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