

Active Recombinant Human S100A8, His tagged

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

SPECIFICATION

Product Overview	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.
Species	Human
Source	Insect Cells
ProteinLength	Met 1-Glu 93
Form	Lyophilized from sterile PBS, pH 7.4
Bio-activity	Measured by its ability to bind recombinant human S100A9 in a functional ELISA.
Molecular Mass	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.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE
Storage	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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