

S100A8 recombinant protein

S100A8, 1- 93aa, Human, E Coli

CATALOG # AAA11783	HOST E Coli	APPLICATIONS SDS-Page
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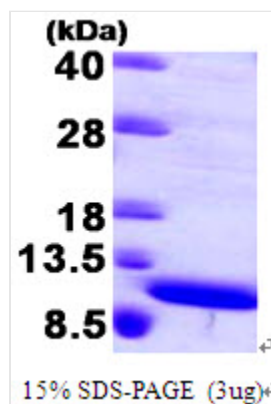
PRODUCT SYNONYMS

S100A8; 1- 93aa; Human; E Coli; S100 calcium binding protein A8; Calgranulin-A; MRP-8; CFAG; CAGA; S100 calcium binding protein A8 60B8Ag; AI323541; B8Ag; BEE11; Calprotectin L1L subunit; Calprotectin; included; CGLA; Chemotactic cytokine CP-10; CP-10; Cystic fibrosis antigen; L1Ag; Leukocyte L1 complex light chain; MA387; MIF; Migration inhibitory factor-related protein 8; Myeloid-related protein 8; Neutrophil cytosolic 7 kDa protein; NIF; p8; Pro-inflammatory S100 cytokine; Protein S100-A8; S100 calcium binding protein A8 (calgranulin A); S100A8/S100A9 complex; urinary stone protein band A.; S100A8 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 90% by SDS-PAGE
Form/Format	Liquid. In 20mM Tris-HCl Buffer (pH 8.0) containing 1mM DTT, 10% glycerol
Concentration	0.5 mg/ml (determined by Absorbance at 280nm) (varies by lot)
Sequence	MLTELEKALN SIIDVYHKYS LIKGNFHAVY RDDLLKKLLET ECPQYIRKKG ADVWFKELDI NTDGAVNMQE FLILVIKMGV AAHKKSHES HKE
Sequence Length	93
Applicable Applications for S100A8 recombinant protein	SDS-PAGE
Preparation and Storage	Can be stored at 4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for S100A8 recombinant protein	S100 calcium binding protein A8, also known as MRP8, is a member of the S100 family, EF-hand superfamily of Calcium binding proteins. S100A8 proteins are localized in the cytoplasm and/or nucleus of a wide range of cells, and involved in the regulation of a number of cellular processes such as cell cycle progression and differentiation. It functions both intracellularly and extracellularly, where it binds to RAGE and CD36. Altered expression of this protein is associated with the disease cystic fibrosis. Recombinant human S100A8 was expressed in E Coli and purified by using conventional chromatography techniques.
Product Categories/Family for S100A8 recombinant protein	Cancer
References	Kerkhoff C., et al. (1999) Biochim. Biophys. 1448 (2):200-11. ; Nacken W., et al. (2003) Biochim. Biophys. 60 (6):569-80.;

NCBI AND UNIPROT INFORMATION

NCBI GI #	21614544
NCBI GeneID	6279
NCBI Accession #	NP_002955
NCBI GenBank Nucleotide #	NM_002964.4
UniProt Accession #	P05109; Q5SY70; Q9UC84; Q9UC92; Q9UCJ0; Q9UCM6; A8K5L3; D3DV37
Molecular Weight	10.8 Da (93aa), confirmed by MALDI-TOF
NCBI Official Full Name	protein S100-A8 isoform d
NCBI Official Synonym Full Names	S100 calcium binding protein A8
NCBI Official Symbol	S100A8
NCBI Official Synonym Symbols	P8; MIF; NIF; CAGA; CFAG; CGLA; L1Ag; MRP8; CP-10; MA387; 60B8AG
NCBI Protein Information	protein S100-A8
UniProt Protein Name	Protein S100-A8
UniProt Gene Name	S100A8
UniProt Synonym Gene Names	CAGA; CFAG; MRP8; CFAG; MRP-8; p8

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/s100a8-recombinant-protein-e-coli-sds-page/11783>