

Recombinant Human Calprotectin(S10A8/S10A9) Protein, His-tagged

Cat. No. Calprotectin-01H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human Calprotectin(S10A8/S10A9) is expressed from E. coli with a His Tag the C-terminal. It contains Met1-Glu93/Thr2-Pro114.
Species	Human
Source	E.coli
ProteinLength	Met1-Glu93/Thr2-Pro114
Description	Calprotectin, a member of the widespread calcium-binding S-100 protein family, is present in remarkably high concentration in the cytoplasm of human neutrophils. The calprotectin molecule is composed of light (MRP8) and heavy (MRP14) subunits. Although not secreted from intact neutrophils, calprotectin release from dead and dying neutrophils creates high concentrations of the protein in inflammatory or abscess fluids and in the intestinal tract lumen of patients with inflammatory bowel disease. Calprotectin is also found in reactive tissue macrophages, in nonkeratinizing squamous epithelia, and in reactive epidermal cells.
Form	Supplied as 0.22um filtered solution in in 2mM DTT, PBS, pH 7.2.
Endotoxin	Less than 1 EU per ug by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE. > 95% as determined by HPLC.

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 Email: info@creative-biomart.com  Fax: 1-631-938-8127

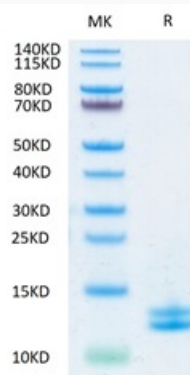
 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage The product should be stored at -70°C. Please do not repeated freeze-thaw cycles.

GENE INFORMATION

Gene Name	S100A8 S100 calcium binding protein A8 [Homo sapiens (human)]
Official Symbol	S100A8
Synonyms	P8; MIF; NIF; CAGA; CFAG; CGLA; L1Ag; MRP8; CP-10; MA387; 60B8AG
Gene ID	6279
mRNA Refseq	NM_001319196.1
Protein Refseq	NP_001306125.1
MIM	123885
UniProt ID	P05109

**Tris-Bis PAGE of
Calprotectin-01H**



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**SEC-HPLC of
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