

Recombinant Human S100A12, GST-tagged

Cat. No. S100A12-2483H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human S100A12 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-92aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	S100A12 S100 calcium binding protein A12 [Homo sapiens]
Official Symbol	S100A12
Synonyms	S100A12; S100 calcium binding protein A12; S100 calcium binding protein A12 (calgranulin C) , S100 calcium binding protein A12 (calgranulin C); protein S100-A12; CAAF1; CAGC; CGRP; ENRAGE; MRP6; p6; EN-RAGE; calgranulin C; calgranulin-C; neutrophil S100 protein; calcium-binding protein in amniotic fluid 1; S100 calcium-

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	binding protein A12 (calgranulin C); extracellular newly identified RAGE-binding protein;
Gene ID	6283
mRNA Refseq	NM_005621
Protein Refseq	NP_005612
MIM	603112
UniProt ID	P80511
Chromosome Location	1q21
Pathway	Activated TLR4 signalling, organism-specific biosystem; Advanced glycosylation endproduct receptor signaling, organism-specific biosystem; Cytosolic sensors of pathogen-associated DNA, organism-specific biosystem; DAI mediated induction of type I IFNs, organism-specific biosystem; Immune System, organism-specific biosystem; Innate Immune System, organism-specific biosystem; MyD88 cascade initiated on plasma membrane, organism-specific biosystem;
Function	RAGE receptor binding; RAGE receptor binding; calcium ion binding; protein binding; zinc ion binding;

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