

Active Recombinant Human S100A12 protein

Cat. No. S100A12-3096H **Lot. No.** (See product label)

SPECIFICATION

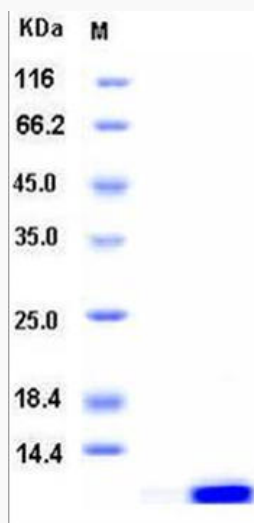
Product Overview	Active Recombinant Human S100A12 protein(NP_005612.1) (Met 1-Glu 92) was expressed in E. coli.
Species	Human
Source	E. coli
ProteinLength	1-92 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized recombinant human S100A12 at 2 µg/ml (100 µl/well) can bind human AGER with a linear range of 0.032-20 µg/ml.
Molecular Mass	The recombinant human S100A12 consisting of 92 amino acids and has a calculated molecular mass of 10.6 kDa. It migrates as an 10 kDa band in SDS-PAGE under reducing conditions as predicted.
Purity	> 98 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities 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.
protein Refseq-Weblink	http://www.ncbi.nlm.nih.gov/protein/NP_005612.1
Unit ID	P80511
Unit ID-Weblink	https://www.uniprot.org/uniprotkb/P80511
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-binding protein A12 (calgranulin C); extracellular newly identified RAGE-binding protein;
Gene ID	6283
mRNA Refseq	NM_005621
protein Refseq	NP_005612
MIM	603112

SDS-PAGE

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