

Recombinant Human S100A12 protein, GST-tagged

Cat. No. S100A12-3460H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human S100A12 protein(P80511)(2-92aa), fused to N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	2-92aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	37.4 kDa
AA Sequence	TKLEEHLEGIVNIFHQYSVRKGFHFDTLKSGELKQLLTKELANTIKNIKDKAVIDEIFQGL DANQDEQVDFQEFISLVAIALKAAHYHHTHKE
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0

 Tel: 1-631-559-9269 1-516-512-3133

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

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

mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

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](#)

UniProt ID [P80511](#)

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