

Recombinant Human S100A2 protein, hFc-tagged

Cat. No. S100A2-842H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human S100A2 protein(NP_005969.1)(Met 2-Pro98) was expressed in HEK293 with the fused Fc region of human IgG1 at the N-terminus.
Species	Human
Source	HEK293
ProteinLength	2-98 aa
Form	Lyophilized from sterile 100mM Glycine, 10mM NaCl, 50mM Tris, pH 7.5.
Molecular Mass	The recombinant human Fc/S100A2 is a disulfide-linked homodimer. The reduced monomer consists of 334 amino acids and has a predicted molecular mass of 37.6 kDa. As a result of glycosylation, the apparent molecular mass of rh Fc/S100A2 monomer is approximately 40 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 95 % 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.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	S100A2 S100 calcium binding protein A2 [Homo sapiens]
Official Symbol	S100A2
Synonyms	S100A2; S100 calcium binding protein A2; S100 calcium binding protein A2 , S100L; protein S100-A2; CAN19; S100 calcium-binding protein A2; S100L; MGC111539;
Gene ID	6273
mRNA Refseq	NM_005978
Protein Refseq	NP_005969
MIM	176993
UniProt ID	P29034

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