

Recombinant Human S100A2 protein(Met2-Pro98), hFc-tagged

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

SPECIFICATION

Product Overview	Recombinant Human S100A2 (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	Met2-Pro98
Form	Lyophilized from sterile 100mM Glycine, 10mM NaCl, 50mM Tris, pH 7.5. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
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	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted 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.

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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