

Recombinant Mouse S100b protein(Ser2-Glu92), hFc-tagged

Cat. No. S100b-7412M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse S100B (P50114) (Ser2-Glu92) was expressed in HEK293 with the fused Fc region of Human IgG1 at the N-terminus.
Species	Mouse
Source	HEK293
ProteinLength	2-92 a.a.
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant mouse S100B/Fc comprises 351 amino acids and has a predicted molecular mass of 39 kDa. The apparent molecular mass of the protein is approximately 41 kDa in SDS-PAGE under reducing conditions due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 80 % 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.
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	S100b S100 protein, beta polypeptide, neural [<i>Mus musculus</i>]
Official Symbol	S100b
Synonyms	S100B; S100 protein, beta polypeptide, neural; protein S100-B; S-100 protein beta chain; S-100 protein subunit beta; S100 calcium-binding protein B; Bpb; AI850290; MGC74317;
Gene ID	20203
mRNA Refseq	NM_009115
Protein Refseq	NP_033141

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