

S100 β chain

Human, Recombinant, *E. coli*

Cat. No.:	NB-02-1092	Size: 10 μ g
	NB-02-1093	100 μ g
	NB-02-1094	1000 μ g

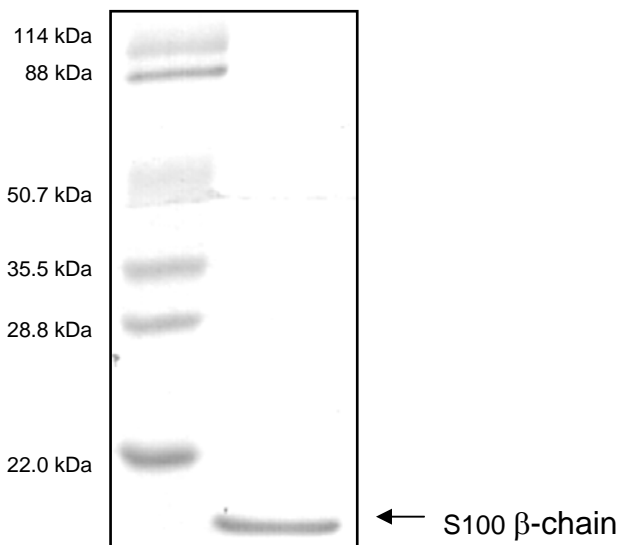
Synonym: NEF, S100, S100B, S-100 protein beta chain, S-100 calcium binding protein beta chain, S100 calcium binding protein beta (neural).

Description: S100 proteins belong to a family of EF-hand calcium binding proteins that exist mostly as dimers of the 20 currently identified individual S100 monomers. The S100B homodimer is expressed in cells of the central nervous system, glial cells and in certain peripheral cells e.g. Schwann cells, melanocytes, adipocytes and chondrocytes. The determination of S100B in serum levels may be used to monitor the extent of brain injury and malignant melanoma.

Neo-Biotech recombinant S100 β -chain comprises a 91 amino acid fragment (2-92) corresponding to processed S100 β -chain and is expressed in *E. coli* with an amino-terminal hexahistidine tag. This product is for research use only and is not intended for diagnostic or therapeutic use.

Form: Liquid

Purity: >95% by SDS-PAGE



References: Heizmann, C.W. (1998) *Biometals* **11** (4): 383-397.

Rothermundt, M. et al. (2003) *Microsc. Res. Tech.* **60** (6): 614-632.

