



S100B (GST tagged)

Background: S-100B protein is a member of a family of highly homologous acidic calcium and zinc binding proteins that possess two EF-hand motifs. S100B is a homodimer with the molecular weight 21 kDa. S100B is abundant in the nervous system, where it is mostly present in astrocytes, oligodendrocytes and Schwann cells. S100B is released from brain tissue into cerebrospinal fluid (CSF) and blood following brain damage of different origin, i.e., brain infarction, intracerebral or subarachnoidal hemorrhage, neurotrauma and large intracerebral tumors. There is a relation between degree of cell damage and S100B levels in CSF. Patients with progressive melanoma disease show elevated serum concentrations of S100B.

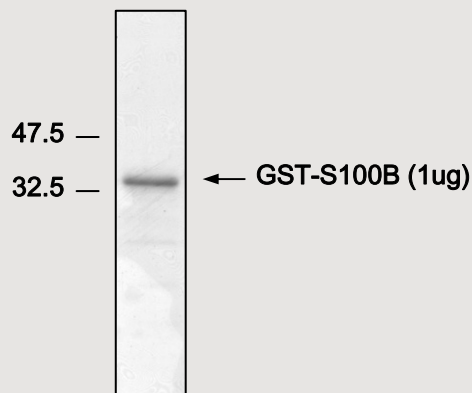
Source: Purified from E.coli expressing the human S100B gene

Molecular Weight : 37 kDa

Packaging size : 0.5 mg

Concentration : 1.0mg/ml

Storage : S100B is supplied with a vial of storage buffer (20mM HEPES, pH7.0/10% Glycerol). Store at -80°C.



Background Reference :

- 1) Michetti, F. and Gazzolo, D. (2002) Clinical Chemistry 48:12 2097-2104
- 2) Donato, R. (2001) Int J Biochem Cell Biol. 33, 637-668

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