

**Catalogue number:** G02S1B01

**Product name:** S100B

**Product details:** Human, Recombinant, full length. Folding state checked by NMR.

# Technical Specifications

Rev. date: 06/2013

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Date

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Quantity

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Batch number

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## DESCRIPTION

MW = 21.4 kDa (dimer). Full length S100B (S100 calcium-binding protein B, S-100 protein beta subunit, S-100 protein beta chain) cloned from human cDNA, expressed in E.coli. The protein consists of the human S100B (residues 1-92, swissprot P04271).

## PURITY

> 95% by SDS-PAGE. The protein is observed as single bands migrating at a molecular weight between 8.7 and 14 kDa. Mass spectroscopy analysis confirmed the theoretical mass of 10.7 kDa (monomer)

## SUPPLIED AS

2 mg/ml in Tris 20mM, pH 7.5, NaCl 150mM, CaCl<sub>2</sub> 5mM. The concentration is estimated by Bradford assay.

## CHARACTERISTICS

Under the above described conditions, to avoid precipitation, the product can be concentrated to a maximum of 0.2mM (dimer).

## STORAGE

-20°C. The protein is stable at 4°C for at least 2 weeks and at 25°C for at least 1 week. After initial defrost, aliquot product into individual tubes and refreeze at -20°C. Avoid repeated freeze/defrost cycles.

## REFERENCES

Smith SP et al. Structure (1998) Feb 15;6(2):211-22

Markowitz J et al. Curr Top Med Chem (2005); 5(12):1093-108

Zimmer DB et al. Brain Res Bull (1995);37(4):417-29



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