

## Recombinant Human S100 Calcium Binding Protein B (S100B)

Catalog No.: TP03839

50µg

### Sequence Information

**Species:** Human

**Gene ID:**6285

**Swiss Prot:**P04271

**Synonyms:**NEF, S100, S100-B, S100beta

**Residues:**Met1~Glu92

MSELEKAMVALIDVFHQYSGREGDKHKLKKSELKELINNELSHFLEEIKEQEVV

DKVMETLDNDGDGECDFQEFMAFVAMVTTACHEFFEHE

### Product Information

**Source:** Recombinant expression.

**Host:** *E.coli*

**Tags:** N-terminal His-Tag

**Subcellular Location:** Nucleus, Cytoplasm, Chromosome

**Purity:** >90%

**Traits:** Freeze-dried powder

**Buffer formulation:** PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

**Original Concentration:** 200µg/mL

**Applications:** Positive Control; Immunogen; SDS-PAGE; WB.

(May be suitable for use in other assays to be determined by the end user.)

**Predicted isoelectric point:** 5.3

**Predicted Molecular Mass:** 13.5kDa

**Accurate Molecular Mass:** 14kDa as determined by SDS-PAGE reducing conditions.

### [ USAGE ]

Reconstitute in ddH<sub>2</sub>O to a concentration of 0.1-0.5 mg/mL. Do not vortex.

### [ STORAGE AND STABILITY ]

**Storage:** Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°C for 12 months.

**Stability Test:** The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

