

Catalogue number: G02S1A10

Product name: S100A10

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

Technical Specifications

Rev. date: 06/2013

Date

Quantity

Batch number

DESCRIPTION

MW = 22.4 kDa (dimer). Full length S100A10 (S100 Calcium Binding Protein A10, Calpactin I light chain, Cellular ligand of annexin II, p10 protein, p11) cloned from human cDNA, expressed in *E. coli*. The protein consists of the human S100A10 (residues 1-97. Swissprot accession P60903).

PURITY

> 95% by SDS-PAGE. The protein was observed as 1 bands migrating at a molecular weight of between 8.6 and 14 kDa.

SUPPLIED AS

1 mg/ml in Tris 20mM, pH 7.5, NaCl 150mM, CaCl₂ 5mM, DTT 2mM. The concentration is calculated from the absorbance at 280nm ($\epsilon_{280} = 2980 \text{ M}^{-1}\text{cm}^{-1}$).

CHARACTERISTICS

Under the above described conditions, to avoid precipitation or aggregation, the product can be concentrated to a maximum of 1mM.

STORAGE

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

REFERENCES

Svenningsson P, et al., Science. 2006 Jan 6;311(5757):77-80.

Réty S, et al., Nat Struct Biol. 1999 Jan;6(1):89-95.



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