

Catalogue number: G02S1A04

Product name: S100A4

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

Technical Specifications

Rev. date: 06/2013

Date

Quantity

Batch number

DESCRIPTION

MW = 23.4 kDa (dimer). Full length S100A4 (S100 calcium-binding protein A4, Calvasculin, Metastasin, Placental calcium-binding protein, Protein Mts1) cloned from human cDNA, expressed in E. coli. The protein consists of the human S100A4 (residues 1-101 swissprot accession P26447).

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 ($\epsilon_{280} = 2980M^{-1}cm^{-1}$).

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

Engelkamp D., et al. Biochemistry 31:10258-10264(1992)

Valley K.M., et al. Biochemistry 41:12670-12680 (2002)

Boye K, et al. Am J Pathol. Feb;176(2):528-35(2010)



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