

Catalogue number: G02S1A14

Product name: S100A14

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 S100A14 (S100 calcium-binding protein A14, S114) cloned from human cDNA, expressed in E. coli. The protein consists of the human S100A4 (residues 1-104, swissprot accession Q9HCY8).

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 ($\epsilon_{280} = 6990M^{-1}cm^{-1}$).

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

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Zimmer DB, et al. Cell Mol Biol (Noisy-le-grand). Sep 5;51(2):201-14. (2005)

McKiernan E, et al. Tumour Biol. Dec 14 (2010)

Sapkota D, et al. Eur J Cancer. Mar;47(4):600-10 (2011)



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