

Catalogue number: G03UBQ01
Product name: Ubiquitin
Product details: Human, Recombinant, Fold state checked by NMR.

Technical Specifications

Rev.date:06/2013

Date

Quantity

Batch number

DESCRIPTION

MW= 8.6 kDa. Full length Ubiquitin cloned from human cDNA, expressed in E. coli. The protein consists of the human ubiquitin (residues 1-76, swissprot accession P0CG47).

PURITY

> 95% by SDS-PAGE. The protein was observed as a single band migrating at a molecular weight of (<10 kDa).

SUPPLIED AS

1mg/mL in Phosphate buffer 50mM, pH 7, NaN₃ 0.02%. The concentration is calculated from the absorbance at 280nm ($\epsilon_{280} = 1490 \text{ M}^{-1} \text{ cm}^{-1}$).

CHARACTERISTICS

Under the above described conditions, to avoid precipitation or protein dimerization, the product can be concentrated to a maximum concentration of 2mM.

STORAGE

-20°C. The protein is stable at 4°C for months and. Avoid repeated freeze/thaw cycles.
NMR USE: after the experiments return the sample at 4°C.

REFERENCES

A. Hershko, and A. Ciechnover *Annu Rev Biochem* (1998); 67: 425-79
R.Z. Orłowski *Cell Death Differ.* (1999) 6 (4): 303-13
J.H. Hurley, *Biochem J.* (2006) 1; 399(3): 361-72



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