



Recombinant Human Ubiquitin

Datasheet

Catalog Number: PR27083

Product Type: Recombinant Protein

Source: *E. Coli*

Description/Molecular Mass: Recombinant human ubiquitin expressed in *Escherichia coli* and purified by ion-exchange chromatography.

Sequence: MQIFVKLTG KTITLEVEPS DTIENVKAKI QDKEGIPPDQ QRLIFAGKQL EDGRTLSDYN IQKESTLHLV LRLRGG

Purity: Minimum 95% as estimated by analysis of Coomassie blue stained SDS-PAGE.

Format: 1mg/ml containing 50mM HEPES (pH7.5) 150mM NaCl, 1mM DTT and 10%glycerol.

Storage: Store at -20°C if intended use is longer than 1 week, store at 4°C for a period up to 1 week. **Please avoid freeze-thaw cycles.**

Selected Application References:

- Haas AL, Siepmann TJ (1997) Pathways of ubiquitin conjugation. *FASEB J.* 11(14):1257-68.
- Hershko A, Ciechanover A (1998) The ubiquitin system. *Annu Rev Biochem.* 67:425-79.
- Pickart CM (2000) Ubiquitin in chains. *Trends Biochem Sci.* 25(11):544-8.
- Pickart CM, Eddins MJ (2004) Ubiquitin: structures, functions, mechanisms. *Biochim Biophys Acta.* 1695(1-3):55-72.
- Roos-Mattjus P, Sistonen L (2004) The ubiquitin-proteasome pathway. *Ann Med.* 36(4):285-95.

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