



hHR23B-UbL domain

Product Data Sheet

For Research Use Only, Not for use in diagnostic procedures

hHR23B-UbL domain (Human, recombinant protein expressed in *E. coli*.)

Cat# CY-R2068

Lot No.

(1 mg/mL x 100 µL)

Product Description: hHR23B-UbL domain (Ubiquitin-like domain) binds to the 20S proteasome *in vitro*. hHR23B-UbL domain containing a *N*-terminal GST tag, expressed in *E. coli*. Purified by GSH agarose chromatography. Unused hHR23B-UbL domain should be stored at -70°C.

Product Size: 1 mg/mL x 100 µL.

Formulation: The hHR23B-UbL domain is supplied frozen in phosphate buffered saline (PBS) containing 50 % glycerol.

Source: 1-82 a.a. of hHR23B, containing *N*-terminal GST tag, expressed in *E. coli*.

Molecular Weight: hHR23B-UbL domain demonstrates a single 34 kDa band by SDS-PAGE analysis.

Purity: hHR23B-UbL domain is greater than 95 % pure as determined by SDS-PAGE analysis.

Storage and Stability: Stable for 12 months at -70°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot protein to avoid repeated freezing and thawing.

General References:

1. Aaron Ciechanover EMBO J. 17, 7151-7160, 1998
2. Aaron Ciechanover and Alan L. Schwartz Proc. Natl. Acad. Sci. USA 95, 2727-2730, 1998
3. Baumeister et al. Cell 92, 367-380, 1998
4. Chen, L., and Madura, K. Mol. Cell Biol. 22, 4902-4913, 2002
5. Hochstrasser, M. Curr. Opin. Cell Biol. 7, 215-223, 1995
6. George N. DeMartino and Clive A. Slaughter JBC 274, 22123-22126, 1999
7. Hideki Hiyama et al. JBC 274, 28019-28025, 1999
8. Kylie J. Walters et al. Proc. Natl. Acad. Sci. USA 100, 12694-12699, 2003
9. Kyoung-Seok Ryu et al. JBC 278, 36621-36627, 2003
10. Kenichiro Fujiwara et al. JBC 279, 4760-4767, 2004

Related Products:

- * hHR23B-UbL domain: Cat# CY-R2068
- * hHR23B-UBA1 domain: Cat# CY-R2069
- * S5a-UIM2/PubS2: Cat# CY-R2070
- * S5a-UIM1+2/PubS1+2: Cat# CY-R2071
- * Rpn13-Pru domain: Cat# CY-R2072

- * CycLex Poly-Ubiquitinated Protein Enrichment & Detection Kit: Cat# CY-7001
- * CycLex Proteasome Enrichment & Activity Assay Kit: Cat# CY-7002



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