



S5a-UIM1+2/PubS1+2

Product Data Sheet

For Research Use Only, Not for use in diagnostic procedures

S5a-UIM1+2/PubS1+2
(Human, recombinant protein expressed in *E. coli.*)

Cat# CY-R2071

Lot No.

(1 mg/mL x 100 µL)

Product Description: S5a-UIM1+2/PubS1+2 (ubiquitin-interacting motif 1 and 2) binds to the polyubiquitin chain-containing proteins *in vitro*. S5a-UIM1+2/PubS1+2 containing a *N*-terminal GST tag, expressed in *E. coli*. Purified by GSH agarose chromatography. Unused S5a-UIM1+2/PubS1+2 should be stored at -70°C.

Product Size: 1 mg/mL x 100 µL.

Formulation: The S5a-UIM1+2/PubS1+2 is supplied frozen in phosphate buffered saline (PBS) containing 50 % glycerol.

Source: 196-343 a.a. of S5a, containing *N*-terminal GST tag, expressed in *E. coli*.

Molecular Weight: S5a-UIM1+2/PubS1+2 demonstrates a single 42 kDa band by SDS-PAGE analysis.

Purity: S5a-UIM1+2/PubS1+2 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
11. Linda Hicke Nature Review 6, 610-621, 2005
12. Robert Layfield PROTEOMICS 1, 773 - 777, 2001



S5a-UIM1+2/PubS1+2

Product Data Sheet

For Research Use Only, Not for use in diagnostic procedures

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

PRODUCED BY

CycLex Co., Ltd.
1063-103 Terasawaoka
Ina, Nagano 396-0002
Japan
Fax: +81-265-76-7618
e-mail: info@cyclex.co.jp
URL: <http://www.cyclex.co.jp>

CycLex/CircuLex products are supplied for research use only. CycLex/CircuLex products and components thereof may not be resold, modified for resale, or used to manufacture commercial products without prior written approval from CycLex Co., Ltd.. To inquire about licensing for such commercial use, please contact us via email.