



S5a-UIM2/PUBS2

Product Data Sheet

For Research Use Only, Not for use in diagnostic procedures

S5a-UIM2/PUBS2

(Human, recombinant protein expressed in *E. coli*.)

Cat# CY-R2070

Lot No.

(1 mg/mL x 100 μ L)

Product Description: S5a-UIM2/PUBS2 (ubiquitin-interacting motif 2) binds to the polyubiquitin chain-containing proteins *in vitro*. S5a-UIM2/PUBS2 containing a *N*-terminal GST tag, expressed in *E. coli*. Purified by GSH agarose chromatography. Unused S5a-UIM2/PUBS2 should be stored at -70°C .

Product Size: 1 mg/mL x 100 μ L.

Formulation: The S5a-UIM2/PUBS2 is supplied frozen in phosphate buffered saline (PBS) containing 50 % glycerol.

Source: 263-343 a.a. of S5a, containing *N*-terminal GST tag, expressed in *E. coli*.

Molecular Weight: S5a-UIM2/PUBS2 demonstrates a single 35 kDa band by SDS-PAGE analysis.

Purity: S5a-UIM2/PUBS2 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:

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2. Aaron Ciechanover and Alan L. Schwartz Proc. Natl. Acad. Sci. USA 95, 2727-2730, 1998
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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
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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
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- * CycLex Poly-Ubiquitinated Protein Enrichment & Detection Kit: Cat# CY-7001
 - * CycLex Proteasome Enrichment & Activity Assay Kit: Cat# CY-7002

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