

Recombinant SUMO-GFP Protein

Cat. No. SUMO-GFP-08 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SUMO-GFP is a recombinant protein that contains yeast SUMO fused to a control polypeptide (GFP). This fusion protein is used as a positive control for SUMO Protease 1 activity.
Species	Yeast
Source	E.coli
Molecular Mass	38.9 kDa
Applications	Positive control protein for digestion with SUMO Protease 1
Storage	At -80 centigrade, avoid freeze/thaw cycles.
Storage Buffer	TBS pH 7.5, 10% glycerol.
References	1. Marblestone JG, Edavettal SC, Lim Y, Lim P, Zuo X, Butt TR (2006). Comparison of SUMO fusion technology with traditional gene fusion systems: Enhanced expression and solubility with SUMO. Protein Science 15,182-9. 2. Butt TR, Edavettal SC, Hall JP, Mattern MR (2005). SUMO fusion technology for difficult-to-express proteins. Protein Expr Purif. 43,1-9. 3. Malakhov MP, Mattern MR, Malakhov OA, Drinker M, Weeks SD, Butt TR (2004). SUMO fusions and SUMO-specific

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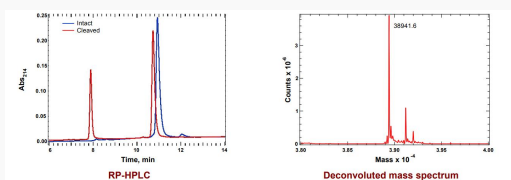
protease for efficient expression and purification of proteins. J Struct Funct Gen 5,75-86.

GENE INFORMATION

Official Symbol SUMO-GFP

Synonyms SUMO-GFP; SUMO; GFP

HPLC and MS



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