

Recombinant Human BMI1, GST-tagged

Cat. No. BMI1-27487H **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	E.coli
Product Overview	Recombinant Human BMI1 protein, fused with a GST tag, was expressed in E. coli.
Description	BMI1 polycomb ring finger oncogene, also known as BMI1, is a protein which in humans is encoded by the BMI1 gene.
Purity	95.0%
Sequence of amino acids	MHRTTRIKITELNPHLMCVLCGGYFIDATTIECLHSFCKTCIVRYLETSKYCPICDVQV HKTRPLLNIIRSDKTLQDIVYKLVPLGFKNEMKRRRDFYAAHPSADAANGSNEDRGE VADEDKRIITDDEIISLSIEFFDQNRDLRKVNKDKEKSKEEVNDKRYLRCPAA MTVMH LRKFLRSKMDIPNTFQIDVMYEEEEPLKDYYTLMDIAYIYTWRRNGPLPLKYRVRPTCK RMKISHQRDGLTNAGELE
Formulation	Liquid in 6M guanidine hydrochloride, 20mM Tris
Applications	SDS-PAGE, ELISA, Western blot
Storage	Store at 2-8°C for immediate use or -20°C for long term storage, avoid repeat freeze thaws.

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GENE INFORMATION

Gene Name	BMI1 BMI1 polycomb ring finger oncogene [Homo sapiens]
Synonyms	BMI1; BMI1 polycomb ring finger oncogene; PCGF4; RNF51; FLVI2/BMI1; MGC12685; polycomb complex protein BMI-1; polycomb complex protein BMI-1; flvi-2/bmi-1; ring finger protein 51; polycomb group protein Bmi1; polycomb group RING finger protein 4; B lymphoma Mo-MLV insertion region 1 homolog; murine leukemia viral (bmi-1) oncogene homolog
Gene ID	648
mRNA Refseq	NM_005180
Protein Refseq	NP_005171
MIM	164831
UniProt ID	P35226
Chromosome Location	10p11.23
Pathway	Senescence and Autophagy; Transcriptional misregulation in cancer; Validated targets of C-MYC transcriptional activation
Function	RING-like zinc finger domain binding; chromatin binding; protein binding; sequence-specific DNA binding; ubiquitin-protein ligase activity; zinc ion binding

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