

Datasheet for ABIN1316333

PRMT5 Protein (AA 1-637) (GST tag)[1 Image](#)[1 Publication](#)[Go to Product page](#)

Overview

Quantity:	10 µg
Target:	PRMT5
Protein Characteristics:	AA 1-637
Origin:	Human
Source:	Wheat germ
Protein Type:	Recombinant
Purification tag / Conjugate:	This PRMT5 protein is labelled with GST tag.
Application:	Western Blotting (WB), ELISA, Affinity Purification (AP), Antibody Array (AA)

Product Details

Purpose:	SKB1 (Human) Recombinant Protein (P01)
Sequence:	MAAMAVGGAG GSRVSSGRDL NCVPEIADTL GAVAKQGDFD LCMPVFHPRF KREFIQEPAK NRPGPQTRSD LLLSGRDWNT LIVGKLSPIWI RPDSKVEKIR RNSEAAMLQE LNFGAYLGLP AFLPLNQED NTNLARVLTN HIHTGHHSSM FWMRVPLVAP EDLRDDIEN APTTHTEEYS GEEKTWMWWH NFRTLCDYSK RIAVALEIGA DLPSNHVIDR WLGEPIKAAI LPTSIFLTNK KGFVLSKMH QRLIFRLLKL EVQFIITGTN HHSEKEFCSY LQYLEYLSQN RPPPNAYELF AKGYEDYLQS PLQPLMDNLE SQTYEVFEKD PIKYSQYQQA IYKCLLDVRP EEEKDTNVQV LMVLGAGRGP LVNASLRAAK QADRRIKLYA VEKNPNAVVT LENWQFEEWG SQVTVVSSDM REWVAPEKAD IIVSELLGSF ADNLSPECL DGAQHFLKDD GVSIPGEYTS FLAPISSSKL YNEVRACREK DRDPEAQFEM PYVVRLHNFH QLSAPQPCFT FSHPNRDPMI DNNRYCTLEF PVEVNTVLHG FAGYFETVLY QDITLSIRPE THSPGMFSWF PILFPIKQPI TVREGQTCV RFWRCSNSKK VWYEWAVTAP VCSAIHNPTG RSYTIGL

Product Details

Characteristics: Human SKB1 full-length ORF (AAH25979.1, 1 a.a. - 637 a.a.) recombinant protein with GST-tag at N-terminal.

Purification: in vitro wheat germ expression system

Target Details

Target: PRMT5

Alternative Name: PRMT5 ([PRMT5 Products](#))

Background: Full Gene Name: protein arginine methyltransferase 5
Synonyms: HRMT1L5,IBP72,JBP1,SKB1,SKB1Hs

Gene ID: 10419

Pathways: [Chromatin Binding](#), [Regulation of Muscle Cell Differentiation](#), [Ribonucleoprotein Complex Subunit Organization](#), [Skeletal Muscle Fiber Development](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Comment: Preparation method: in vitro, wheat germ expression system
Product Quality tested by: 12.5% SDS-PAGE Stained with Coomassie Blue.

Restrictions: For Research Use only

Handling

Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH =8.0 in the elution buffer.

Handling Advice: Aliquot to avoid repeated freezing and thawing.

Storage: -80 °C

Storage Comment: Best use within three months from the date of receipt of this protein.

Publications

Product cited in: Kanamaluru, Xiao, Fang, Choi, Kim, Veenstra, Kemper: "Arginine methylation by PRMT5 at a naturally occurring mutation site is critical for liver metabolic regulation by small heterodimer partner." in: **Molecular and cellular biology**, Vol. 31, Issue 7, pp. 1540-50, (2011) ([PubMed](#)).

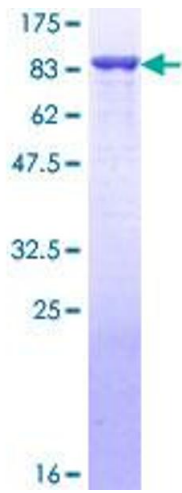


Image 1.