

Product datasheet

Recombinant human PRMT3 protein ab167953

[1 References](#) [2 Images](#)

Description

Product name	Recombinant human PRMT3 protein
Biological activity	The specific activity of ab167953 was determined to be 12 nmol/min/mg as per activity assay protocol.
Purity	> 90 % Densitometry. Affinity purified.
Expression system	Baculovirus infected Sf9 cells
Accession	<u>Q8WUV3</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	<pre>MCSLASGATGGRGAVENEEDLPELSDSGDEAAWEDED DADLPHGKQQTPC LFCNRLFTSAEETFSHCKSEHQFNIDSMVHKHGLEFYGYK LINFIRLKN PTVEYMNSYNPVPWEKEEYLKPVLEDDLLLQFDVEDLYE PVSVPFSYPN GLSENTSVVEKCLKHMEARALSAEAALARAREDLQKMKQF AQDFVMHTDVR TCSSTSVIADLQEDEDGVYFSSYGHYGIHEEMLKDKIRTE SYRDFIYQN PHIFKDKVVLVDVGCCTGILSMFAAKAGAKKVLGVDQSEILY QAMDIIRLN KLEDTITLIKGKIEEVHLPVEKVDVIISEWMGYFLLFESMLD SVLYAK NKYLAKGGSVYPDICTISLVAVSDVNKHADRIAFWDDVYG FKMSCMCKAV IPEAVVEVLDPKTLISEPCGIKHIDCHTTSISDLEFSSDFTLKI TRTSMC TAIAGYFDIYFEKNCHNRVVFSTGPGQSTKTHWKQTVFLEK PFSVKAGEA LKGVKTVHKSKKDPRLSLTVTLTLNNSQTQYGLQ</pre>
Predicted molecular weight	97 kDa including tags

Amino acids	1 to 531
Tags	proprietary tag N-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab167953** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE
	Western blot
	Functional Studies

Form	Liquid
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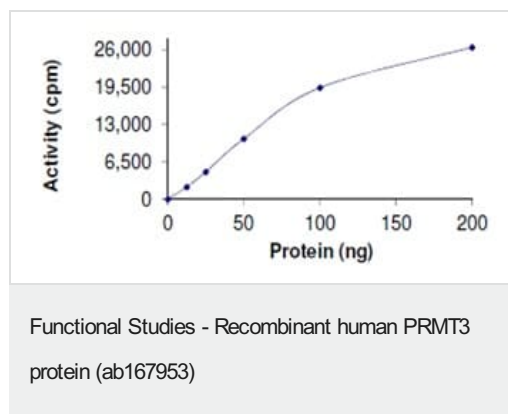
Preparation and Storage

Stability and Storage	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 7.50 Constituents: 0.31% Glutathione, 0.002% PMSF, 0.004% DTT, 0.79% Tris HCl, 0.004% EDTA, 25% Glycerol (glycerin, glycerine), 0.88% Sodium chloride This product is an active protein and may elicit a biological response in vivo, handle with caution.
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General Info

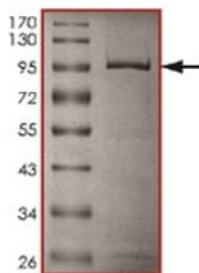
Function	Methylates (mono and asymmetric dimethylation) the guanidino nitrogens of arginyl residues in some proteins.
Sequence similarities	Belongs to the protein arginine N-methyltransferase family. Contains 1 C2H2-type zinc finger.
Domain	The zinc-finger is responsible for substrate specificity.
Cellular localization	Cytoplasm.

Images



The specific activity of ab167953 was determined to be 12 nmol/min/mg as per activity assay protocol.

SDS-PAGE analysis of ab167953.



SDS-PAGE - Recombinant human PRMT3 protein
(ab167953)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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