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Datasheet for ABIN7505415 CBX5 Protein (AA 1-191) (His tag)

Overview

Quantity:	100 µg
Target:	CBX5
Protein Characteristics:	AA 1-191
Origin:	Mouse
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This CBX5 protein is labelled with His tag.

Product Details

Sequence:	Met 1-Ser 191
Characteristics:	A DNA sequence encoding the Mouse HP1α protein (Q61686) (Met 1-Ser 191) was expressed with a N-His tag.
Purity:	>95 % as determined by reducing SDS-PAGE.

Target Details

Target:	CBX5
Alternative Name:	HP1alpha (CBX5 Products)
Background:	Background: Component of heterochromatin that recognizes and binds histone H3 tails methylated at 'Lys-9' (H3K9me), leading to epigenetic repression. In contrast, it is excluded from chromatin when 'Tyr-41' of histone H3 is phosphorylated (H3Y41ph). Can interact with Synonym: HP1 alpha,Antigen p25,CBX5,Chromobox 5,Epididymis luminal protein

Target Details

	25,HEL25,Heterochromatin protein 1,HP1A
Molecular Weight:	20.9 kDa
UniProt:	Q61686

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Expiry Date:	12 months