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Datasheet for ABIN2669670

SMYD5 Protein (DYKDDDDK Tag)

1 Image

Overview

Quantity:	20 µg
Target:	SMYD5
Origin:	Human
Source:	Baculovirus
Protein Type:	Recombinant
Purification tag / Conjugate:	This SMYD5 protein is labelled with DYKDDDDK Tag.
Application:	Enzyme Activity Assay (EAA), Screening Assay (ScA)

Product Details

Characteristics: Recombinant SMYD5 (accession number NP_006053.2) was expressed in Sf9 cells and contains an N-terminal FLAG tag with an observed molecular weight of 49 kDa.

Target Details

Target:	SMYD5
Alternative Name:	SMYD5 (SMYD5 Products)
Background:	SET and MYND domain-containing protein 5 (SMYD5) is a member of the SMYD family of histone methyltransferases. SMYD5 has been reported to mediate methylation of H4K20 and may methylate non-histone substrates as well.
Molecular Weight:	49 kDa

Application Details

Application Notes: Recombinant SMYD5 is suitable for use in the study of enzyme kinetics, inhibitor screening, and selectivity profiling. Specific Activity: Specifically mediates the methylation of H4K20 and may methylate non-histone substrates.

Restrictions: For Research Use only

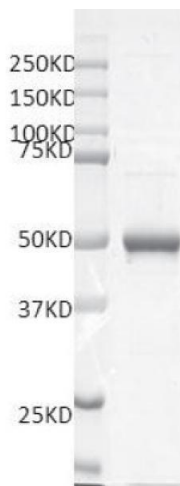
Handling

Handling Advice: Avoid repeated freeze/thaw cycles and keep on ice when not in storage.

Storage: -80 °C

Storage Comment: Recombinant proteins in solution are temperature sensitive and must be stored at -80°C to prevent degradation.

Images



Western Blotting

Image 1. Recombinant SMYD5 protein gel. SMYD5 protein was run on an SDS-PAGE gel and stained with Coomassie blue.