

Product datasheet

Recombinant Human WDR5 protein ab98079

1 Image

Description

Product name	Recombinant Human WDR5 protein
Purity	> 95 % SDS-PAGE. ab98079 was purified using conventional chromatography techniques.
Expression system	Escherichia coli
Accession	P61964
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	<p>MGSSHHHHHSSGLVPRGSHMATEEKKPETEAARAQP TPSSSATQSKPTP VKPNYALKFTLAGHTKAVSSVKFSPNGEWLASSSADKLIK WGAYDGKFE KTISGHKLGISDVAWSSDSNLLVSASDDKTLKIWDVSSGK CLKTLKGHSN YFCCNFNPQSNLIVSGSFDESRIWDVKTGKCLKTLPAH SDPVSAVHFN RDGSLVSSSYDGLCRWDTASGQCLKTLIDDDNPPVSVFV KFSPNGKYIL AATLDNTLKLWDYSKGKCLKTYTGHKNEKYCIFANFSVTG GKWVSGSED NLVYWNLQTKIVQKLQGHTDVVISTACHPTENIASAALEN DKTIKLW KSDC</p>
Predicted molecular weight	39 kDa including tags
Amino acids	1 to 334
Tags	His tag N-Terminus

Specifications

Our [Abpromise guarantee](#) covers the use of **ab98079** in the following tested applications.

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

Applications Mass Spectrometry

	SDS-PAGE
Mass spectrometry	MALDI-TOF
Form	Liquid

Preparation and Storage

Stability and Storage

Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 8.00

Constituents: 0.0308% DTT, 0.316% Tris HCl, 10% Glycerol (glycerin, glycerine), 0.58% Sodium chloride

General Info

Function

Contributes to histone modification. May position the N-terminus of histone H3 for efficient trimethylation at 'Lys-4'. As part of the MLL1/MLL complex it is involved in methylation and dimethylation at 'Lys-4' of histone H3. H3 'Lys-4' methylation represents a specific tag for epigenetic transcriptional activation. As part of the NSL complex it may be involved in acetylation of nucleosomal histone H4 on several lysine residues. May regulate osteoblasts differentiation.

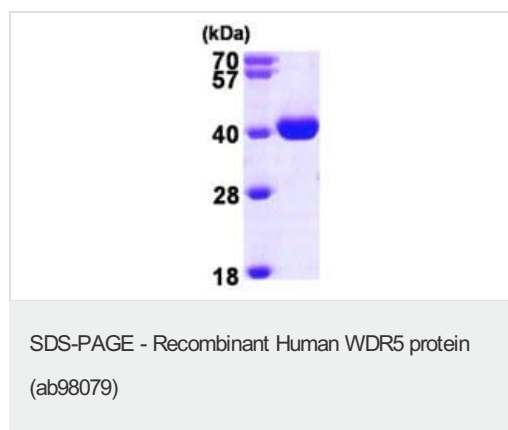
Sequence similarities

Belongs to the WD repeat WDR5/wds family.
Contains 7 WD repeats.

Cellular localization

Nucleus.

Images



15% SDS-PAGE analysis of 3µg ab98079

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors