

Product datasheet

Recombinant Human WDR5 protein (Tagged) (Biotin) ab271793

[1 Image](#)

Description

Product name	Recombinant Human WDR5 protein (Tagged) (Biotin)
Purity	> 90 % SDS-PAGE. Affinity purified.
Expression system	Baculovirus infected Sf9 cells
Accession	<u>P61964</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	ATEEKKPETEAARAQTPSSSATQSKPTPVKPNYALKFTL AGHTKAVSSV KFSPNGEWLASSADKLIKIWGAYDGKFEKTISGHKLGISD VAWSSDSNL LVSASDDKTLKIWDVSSGKCLKTLKGHSNYVFCCNFPQ SNLVSGSFDE SVRMDVKTGKCLKTLPAHSDPVSAVHFNRDGLMVSSSY DGLCRIWDTA SGQCLKTLIDDDNPPVSFVKFSPNGKYLAATLDNTLKLW DYSK GKCLKT YTGHKNEKYCIFANFSVTGGKWIVSGSEDNLVYIWNLQTKE VQKLQGH T DVVISTACHPTENIASAALENDKTIKLWKSDC
Molecular weight information	39 kDa by SDS-PAGE
Amino acids	2 to 334
Tags	His tag N-Terminus , Avi tag N-Terminus
Conjugation	Biotin

Specifications

Our **Abpromise guarantee** covers the use of **ab271793** 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
Form	Liquid
Additional notes	Enzymatically biotin-labeled using Avi-tag™ technology.

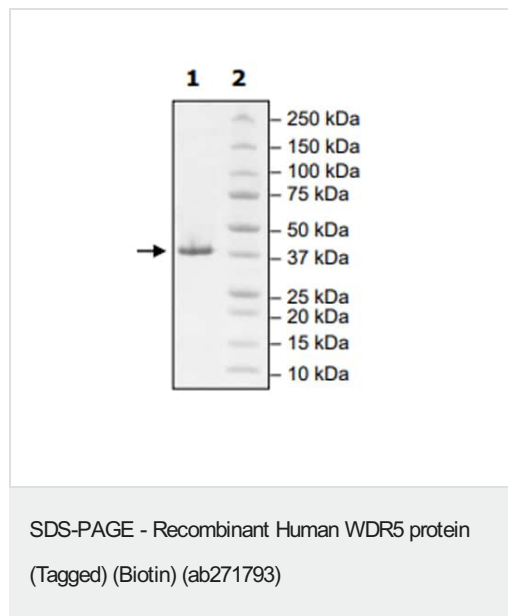
Preparation and Storage

Stability and Storage	Shipped on Dry Ice. Store at -80°C. Avoid freeze / thaw cycle. Store In the Dark. pH: 8.00 Constituents: 0.63% Tris HCl, 0.64% Sodium chloride, 0.02% Potassium chloride, 0.04% Tween, 20% Glycerol (glycerin, glycerine)
------------------------------	---

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



SDS-PAGE analysis of ab271793.

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