

Product datasheet

Recombinant Human WDR58 protein ab164009

1 Image

Overview

Product name	Recombinant Human WDR58 protein
Protein length	Full length protein

Description

Nature	Recombinant
Source	Wheat germ
Amino Acid Sequence	
Species	Human
Sequence	<p>MERAVPLAVPLGQTEVFQALQRLHMTIFSQSVSPCGK FLAAGNNYGQIAI FSLSSALSSEAKEESKKPVVTFQAHDGPVYSMVSTD RHLLSAGDGEVKAW LWAEMLKKGCKELWRRQPPYRTSLEVPEINALLLVPK ENSLILAGGDCQL HTMDLETGTFTRVLRGHTDYHCLALRERSPEVLSGGE DGAVRLWDLRTA KEVQTIEVYKHEECSRPHNGRWIGCLATDSDWMVCG GGPALTLWHLRSST PTTIFPIRAPQKHVTFYQDLILSAGQGRCVNQWQLSGE LKAQVPGSSPGL LSLSLNQQPAAPECKVLTAAGNSCRVDVFTNLGYRAF SLSF</p>
Amino acids	1 to 341
Tags	GST tag N-Terminus

Specifications

Our [Abpromise guarantee](#) covers the use of **ab164009** in the following tested applications.

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

Applications	ELISA
	Western blot

Form	Liquid
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Additional notes

Protein concentration is above or equal to 0.05 mg/ml.

Preparation and Storage

Stability and Storage

Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.

pH: 8.00

Constituents: 0.31% Glutathione, 0.79% Tris HCl

General Info

Function

Component of the THO subcomplex of the TREX complex. The TREX complex specifically associates with spliced mRNA and not with unspliced pre-mRNA. It is recruited to spliced mRNAs by a transcription-independent mechanism. Binds to mRNA upstream of the exon-junction complex (EJC) and is recruited in a splicing- and cap-dependent manner to a region near the 5' end of the mRNA where it functions in mRNA export. The recruitment occurs via an interaction between THOC4 and the cap-binding protein NCBP1. DDX39B functions as a bridge between THOC4 and the THO complex. The TREX complex is essential for the export of Kaposi's sarcoma-associated herpesvirus (KSHV) intronless mRNAs and infectious virus production. The recruitment of the TREX complex to the intronless viral mRNA occurs via an interaction between KSHV ORF57 protein and THOC4.

Sequence similarities

Belongs to the WD repeat THOC6 family.

Contains 7 WD repeats.

Images



SDS-PAGE - Recombinant Human WDR58 protein
(ab164009)

ab164009 on a 12.5% SDS-PAGE stained with Coomassie Blue.

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