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Datasheet for ABIN7545191

WDR74 Protein (AA 1-385) (His tag)

Overview

Quantity:	1 mg
Target:	WDR74
Protein Characteristics:	AA 1-385
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This WDR74 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant WDR74 Protein expressed in mammalian cells.
Sequence:	MAAAAARWNH VVVGTTETGIL KGVNLQRKQA ANFTAGGQPR REEAVSALCW GTGGETQMLV GCADRTVKHF STEDGIFQQQ RHCPGGEGMF RGLAQADGTL ITCVDSGILR VWHDKDKDTS SDPLLELRVG PGVCRMQRDP AHPHVVATGG KENALKIWDL QGSEEPVFRA KNVRNDWLDL RVPIWDQDIQ FLPQSQKLVT CTGYHQVRVY DPASPQRRPV LETTYGEYPL TAMTLTPGGN SVIVGNTHGQ LAEIDLRQGR LLGCLKGLAG SVRGLQCHPS KPLLASCGLD RVLRIHRIQN PRGLEHKVYL KSQLNCLLLS GRDNWEDEPQ EPQEPNKVPL EDTETDELWA SLEAAAKRKL SGLEQPQ GAL QTRRRKKKRP GSTSP Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
Characteristics:	Key Benefits:

Product Details

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	WDR74
Alternative Name:	WDR74 (WDR74 Products)
Background:	WD repeat-containing protein 74 (NOP seven-associated protein 1),FUNCTION: Regulatory protein of the MTREX-exosome complex involved in the synthesis of the 60S ribosomal subunit (PubMed:26456651). Participates in an early cleavage of the pre-rRNA processing pathway in cooperation with NVL (PubMed:29107693). Required for blastocyst formation, is necessary for RNA transcription, processing and/or stability during preimplantation development (By similarity). {ECO:0000250 UniProtKB:Q8VCG3, ECO:0000269 PubMed:26456651, ECO:0000269 PubMed:29107693}.
Molecular Weight:	42.4 kDa
UniProt:	Q6RFH5

Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
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Application Details

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months