

Datasheet for ABIN7553651
DDX54 Protein (AA 1-881) (His tag)



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Overview

Quantity:	1 mg
Target:	DDX54
Protein Characteristics:	AA 1-881
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DDX54 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat DDX54 Protein expressed in mammalian cells.
Sequence:	MAADKGPAAG PRSRAAMAQW RKKKGLRKRR GAASQARGSD SEDGEFEIQA EDDARARKLG PGRPLPTFPT SECTSDVEPD TREMVRAQNK KKKKSGGFQS MGLSYPVFKG IMKKGYKVPT PIQRKTIPVI LDGKDVVAMA RTGSGKTACF LLPMFERLKT HSAQTGARAL ILSPTRELAL QTLKFTKELG KFTGLKTALI LGGDRMEDQF AALHENPDII IATPGRLVHV AVEMSLKLQS VEYVVFDEAD RLFEMGFAEQ LQEIIARLPG GHQTVLFSAT LPKLLVEFAR AGLTEPVLIR LDVDTKLNEQ LKTSFFLVRE DTKAALLHL LHNVVRPQDQ TVVFVATKHH AEYLTELLTT QRVSCAHIYS ALDPTARKIN LAKFTLGKCS TLIVTDLAAR GLDIPLLDNV INYSFPAKGG LFLHRVGRVA RAGRSGTAYS LVAPDEIPYL LDLHLFLGRS LTLARPLKEP SGVAGVDGML GRVPQSVVDE EDSGLQSTLE ASLELRGLAR VADNAQQQYV RSRPAPSPES IKRAKEMDLV GLGLHPLFSS RFEHEELQRL RLVDISKNYR SRATIFEINA SSRDLCSQVM RAKRQKDRKA IARFQQGQQG RQEQQEGPVG PAPSRPALQE KQPEKEEEEE AGESVEDIFS EVVGRKRQRS

GPNRGAKRRR EEARQRDQEF YIPYRPKDFD SERGLSISGE GGAFEQQAAG AVLDLMGDEA
QNLTRGRQQL KWDRKKKRFV GQSGQEDKKK IKTESGRYIS SSKYKRDLYQK WKQKQKIDDR
DSDEEGASDR RGPERRGGKR DRGQGASRPH APGTPAGRVR PELKTKQQL KQRRRAQKLH
FLQRGGLKQL SARNRRRVQE LQQGAFGRGA RSKKGKMRKR M **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.**

Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none">• 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). <p>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.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>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.</p>
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Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
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Grade:	custom-made
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Target Details

Target:	DDX54
Alternative Name:	DDX54 (DDX54 Products)
Background:	ATP-dependent RNA helicase DDX54 (EC 3.6.4.13) (ATP-dependent RNA helicase DP97) (DEAD box RNA helicase 97 kDa) (DEAD box protein 54),FUNCTION: Has RNA-dependent ATPase activity. Represses the transcriptional activity of nuclear receptors. {ECO:0000269 PubMed:12466272}.
Molecular Weight:	98.6 kDa

Target Details

UniProt: [Q8TDD1](#)

Pathways: [Intracellular Steroid Hormone Receptor Signaling Pathway](#)

Application Details

Application Notes: In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

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