

Datasheet for ABIN7559578

DDX54 Protein (AA 1-874) (His tag)



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Overview

Quantity:	1 mg
Target:	DDX54
Protein Characteristics:	AA 1-874
Origin:	Mouse
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:	MAAGRRVGPG PPSRPTMAPW KKKRLRKRRT GASQGRSDS DDGEFEIQAE DDARARKLGP GRALPSFPTS ECVSDVEPDT REMVRAQKK KKKSGGFQSM GLSYPVFKGI MKKGYKVPTP IQRKTIPVIL DGKDVAMAR TGSGKTACFL LPMFERLKAR SAQTGARALI LSPTRALALQ TMKFTKELGK FTGLKTALIL GGDKMEDQFA ALHENPDIII ATPGRLVHVA VEMNLKLQSV EYVVFDEADR LFEMGFAEQL QEIGRLPGG HQTVLFSATL PKLLVEFARA GLTEPVLIRL DVDSKLNEQL KTSFLLVRED TKAALLLYLL QNVVRPQDQT VVFVATKHHA EYLTELLMGQ GVSCAHIYSA LDQTARKINL AKFTHNKCST LIVTDLAARG LDIPLLDNVI NYSFPAKGKL FLHRVGRVAR AGRSGTAYSL VAPDEVYLL DLHLFLGRSV TLARPCPEPS VADAVGRDGV LGRVPQSVVD DEDSSLQTAM GASLDLQGLH RVANNAQQQY VRSRPAPSPE SIKRAKELDL AELGLHPLFS SCFEEGELQR LRLVDSIKNY RTRTTIFEIN ASSKDPSSQM MRAKRQRDRK AVASFQRRRQ ERQEGPADPA PQRELPQEEE EEMVETVEGV FTEVVGQKRP RPGPSQGAKR

Product Details

RRMETRQRDQ EFYVPYRPKD FDSERGLSVS GAGGAFEQQV AGAVLDLMGD EAQNMSRGQQ
QLKWDRKKKR FVGQSGQEDK KKIKTESGRF ISSSYKRDLY QKWKQKQKID DRDSEEEGPS
NQRGPGPRRG GKRGRSQGTS QPRASSVPAG RMRSELKTK E QILKQRRQAQ KQRFLQRGGL
KQLSARNRRR AQELRQGAFG RGAPSRKGKM RKRM **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
Grade:	custom-made

Target Details

Target:	DDX54
Alternative Name:	Ddx54 (DDX54 Products)
Background:	ATP-dependent RNA helicase DDX54 (EC 3.6.4.13) (DEAD box protein 54),FUNCTION: Has RNA-dependent ATPase activity. Represses the transcriptional activity of nuclear receptors (By similarity). {ECO:0000250}.
Molecular Weight:	97.7 kDa
UniProt:	Q8K4L0

Target Details

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