

Datasheet for ABIN7553680  
**DISP2 Protein (AA 1-1401) (His tag)**



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## Overview

Quantity:	1 mg
Target:	DISP2
Protein Characteristics:	AA 1-1401
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DISP2 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant DISP2 Protein expressed in mammalian cells.
Sequence:	MDGDSSSSSSG GSGPAPGPGP EGEQRPEGEP LAPDGGSPDS TQTKAVPPEA SPERSCSLHS CPLEDPSSSS GPPPTTSTLQ PVGPSSPLAP AHFTYPRALQ EYQGGSSLPG LGDRAALCSH GSSLSPSPAP SQRDGTWKPP AVQHHVSVR QERAFQMPKS YSQLIAEWPV AVLMLCLAVI FLCTLAGLLG ARLPDFSKPL LGFEPRDTDI GSKLVVWRAL QALTGPRKLL FLSPDLELNS SSSHNTRLRPA PRGSAQESAV RPRRMVEPLE DRRQENFFCG PPEKSYAKLV FMSTSSGSLW NLHAIHSMCR MEQDQIRSHS SFGALCQRTA ANQCCPSWSL GNYLAVLSNR SSCLDTTQAD AARTLALLRT CALYYHSGAL VPSCGPGQN KSPRCAQVPT KCSQSSAIYQ LLHFLLDRDF LSPQTTDYQV PSLKYSLLFL PTPKGASLMD IYLDRLATPW GLADNYTSVT GMDLGLKQEL LRHFLVQDTV YPLLALVAIF FGMALYLRS LFTLMVLLGV LGSLLVAFFL YQVAFRMAYF PFVNLAALLL LSSVCANHTL IFFDLWRLSK SQLPSGGLAQ RVGRTMHFFG YLLLVSGLTT SAAFYASYLS RLP AVRCLAL FMGTAVLVHL ALTLVWLPAS AVLHERYLAR GCARRARGRW EGSAPRRLLL ALHRRLRGLR RAAAGTSRLL FQRLPCGVI KFRYIWICWF AALAAGGAYI

AGVSPRLRLP TLPPPGGQVF RPSHPFERFD AEYRQLFLFE QLPQGEGGHM PVVLVWGVLP  
VDTGDPLDPR SNSSLVRDPA FSASGPEAQR WLLALCHRAR NQSFDDLQEQ GWPTLFCFVET  
LQRWMESPSC ARLGPDLCGG HSDFPWAPQF FLHCLKMMAL EQGPDGTQDL GLRFDAHGSL  
AALVLQFQTN FRNSPDYNQT QLFYNEVSHW LAELGMAPP GLRRGWFTSR LELYSLQHSL  
STEPAVLGL ALALAFATLL LGTWNVPLSL FSVAAVAGTV LLTVGLLVLL EWQLNTAEAL  
FLSASVGLSV DFTVNYCISY HLCPHPDRLS RFAVSLRQTS CATAVGAAAL FAAGVLMPLA  
TVLLYRKLGI ILMVMKCVSC GFASFFQSL CFFGPEKNC GQILWPCAHL PWDAGTGDPG  
GEKAGRPRPG SVGGMPGSCS EQYELQPLAR RRSPTSFTST ATSKLSHRPS VLSEDLQLHD  
GPCCSRPPPA PASPRELLLD HQAVFSQCPA LQTSSPYKQA GPSPKTRARQ DSQGEEAEPL  
PASPEAPAHS PKAKAADPPD GFCSSASTLE GLSVSDETCL STSEPSARVP DSVGVSPPDDL  
DDTGQPVLER GQLNGKRDTL WLALRETVYD PSLPASHHSS LSWKGRGGPG DGSPVVLVNS  
QPDLPDVWLR RPSTHTSGYS S **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.**

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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.

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Characteristics: Key Benefits:

- 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.

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

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Grade: custom-made

## Target Details

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Target:	DISP2
Alternative Name:	DISP2 ( <a href="#">DISP2 Products</a> )
Background:	Protein dispatched homolog 2
Molecular Weight:	152.0 kDa
UniProt:	<a href="#">A7MBM2</a>
Pathways:	<a href="#">Hedgehog Signaling</a>

## Application Details

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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.
Restrictions:	For Research Use only

## Handling

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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