

Datasheet for ABIN7564598
DISP2 Protein (AA 1-1345) (His tag)



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Overview

Quantity:	1 mg
Target:	DISP2
Protein Characteristics:	AA 1-1345
Origin:	Mouse
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:	<p>MAPEASPERS CSLHTCPLED PTGAPVPPPT VSTLQAIIDPT SPLTAGHFAF PRAPQDYQEG SSLLGLGDQA SLCAHVSNLS TSIDTSQHDG VWKQPSVQRH VVSVRQERTF RMPKSYSHMI ADWPVAVIVG CLAFIFLCTL AGLLGSPPLD FSEPLLGFEF RDTEIGRRLE VWKAMQALTG PKNLLSLSPD PEMNSSSLLS TLSPAAWGRA EESVVRTKRM VGPVEVKEEE NFFCGRPEKS HAKLVFVSTS GGSLWNLQAI HSMCRIEQEQ IRSHISFGAL CQRSAANECC PSWSLGNLYA VLSNRSSCQD TTQADTDRTL ALLRFCATFY HRGVLVPACV GSSQDKPPFC AQVPAKCTGS NVVYEFLHYL LDRDFLSPQT ADYQVPSLKF ALLFLPIIKT SLLLDIYLDG LGDPIKVSDN YTSISGMDLG LKPRLLKYYL AEDTMYPLIA LVVIFFGMSL YLRSLFITFM SLLGVLGSLM VAYFLYHVAF RMAYFPFVNL AALLLSGVC VNYTLIFLDM WRLSRGQVPS GGMPHRVGRT MHHFGYLLLV SGLTTSAAFY GSYSRLPAV RCFALFMGTA VLVHMGLTLL WLPATVVLHE RYLAHGCVAQ AHGQRGGSDP LRLLLALHRR IRIFRKIISI LSRLLFQRLP PCGVIKFRYI WICWFAALAA GGAYIGGVSP RLQLPILLPL GGQFFRSSHP FERFDAEYRQ QFLFEDLPPN</p>

EGGNLPVVLV WGILPVDTS D PLDPRTNSSV VSDPDFSPSS PEAQEWLLAL CHGAQNSFF
GDQPEGWPTL CLVEALQQWM ESPSCGRLGP DLCCGQSEFP WAPQLYLHCL KMMALEQSPD
GTRDLGLRFD THGNLAALVL KFQTNLPYST EYGPVHHFYT EISRWLSTEM SKAPPGLNQG
WFTSNLELYS LQHSLSTPA VVLGLALALA FATLLLSTWN VPLSLFSVAA VAGTVLLTVG
LLVLEWQLN TAEALFLSAS VGLSVDLTIN YCISYHLCPH PDRLSRVAFS LRQISRATAM
TTGVLFASGV IMLPSTILLY RKLGIIVMMV KFLGCGFASF FFQSLCCFFG PEKNCGQILW
PCAHLPWDAG TEDPDEKGRA GPPGFSEHYE LQPLARRRSP SFDTSTATSK LSHRPSILSE
DLQIHDGSCC LQHAQAPVSP RDLLLDHQTV FSQCPALQTS SPYKQAGPTP QTWIRQDSQG
QKTEPLQALP EGPAHCPKSK VEELPDGLCS SASTLEGLSV SDDTCASEHS VRVPDSVGTS
PEVMNGTGHP ILERGQLNGK RDTLWLALKE TIYDPNMPNS HHSSLSWKGR GGPGDISPVM
LPNSQPDLPD VWLRRPSTYT SGYSS **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:

- 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:	DISP2
Alternative Name:	Disp2 (DISP2 Products)
Background:	Protein dispatched homolog 2
Molecular Weight:	147.9 kDa
UniProt:	Q8CIP5
Pathways:	Hedgehog Signaling

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.
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