

Datasheet for ABIN7553642
DEPDC1 Protein (AA 1-811) (His tag)



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Overview

Quantity:	1 mg
Target:	DEPDC1
Protein Characteristics:	AA 1-811
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DEPDC1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant DEPDC1 Protein expressed in mammalian cells.
Sequence:	MESQGVPPGP YRATKLWNEV TTSFRAGMPL RKHRQHFKKY GNCFTAGEAV DWLYDLLRNN SNFGPEVTRQ QTIQLLRKFL KNHVIEDIKG RWGSENVDDN NQLFRFPATS PLKTLPRRYP ELRKNNIENF SKDKDSIFKL RNLSRRTPKR HGLHLSQENG EKIKHEIINE DQENAIIDRE LSQEDVEEVW RYVILIYLTQ ILGVPSLEEV INPKQVIPQY IMYNMANTSK RGVVILQNKS DDLPHWVLSA MKCLANWPRS NDMNNPTYVG FERDVFTIA DYFLDLPEPL LTFEYELFV NILVVCYIT VSDRSSGIHK IQDDPQSSKF LHLNNLNSFK STECLLSLL HREKNKEESD STERLQISNP GFQERCAKMM QLVNLRNRRV SANDIMGGSC HNLIGLSNMH DLSSNSKPRC CSLEGIVDVP GNSSKEASSV FHQSFPNIEG QNNKLFLESK PKQEFLNLH SEENIQKPFY AGFKRTSTLT VQDQEELCNG KCKSKQLCRS QSLLLRSSSTR RNSYINTPVA EIIMKPNVGG GSTSVQTAME SELGESSATI NKRLCKSTIE LSENSLLPAS SMLTGTQSL QPHLERRVAID ALQLCCLLLP PPNRRKLQLL MRMISRMSQN VDMPKLHDAM GTRSLMIHTF SRCVLCCAEE VDLDELLAGR LVSFLMDHHQ EILQVPSYLQ TAVEKHLDYL KKGHIENPGD GLFAPLPTYS

Product Details

YCKQISAQEF DEQKVSTSQA AIAELLENII KNRSLPLKEK RKKLKQFQKE YPLIYQKRFP

TTESEAALFG DKPTIKQPML ILRKPFRSL R **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: DEPDC1

Alternative Name: DEPDC1 ([DEPDC1 Products](#))

Background: DEP domain-containing protein 1A,FUNCTION: May be involved in transcriptional regulation as a transcriptional corepressor. The DEPDC1A-ZNF224 complex may play a critical role in bladder carcinogenesis by repressing the transcription of the A20 gene, leading to transport of NF-KB protein into the nucleus, resulting in suppression of apoptosis of bladder cancer cells. {ECO:0000269|PubMed:20587513}.

Target Details

Molecular Weight: 93.0 kDa

UniProt: [Q5TB30](#)

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