

Datasheet for ABIN7547042
DIXDC1 Protein (AA 1-683) (His tag)



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Overview

Quantity:	1 mg
Target:	DIXDC1
Protein Characteristics:	AA 1-683
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DIXDC1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant DIXDC1 Protein expressed in mammalian cells.
Sequence:	MLACLTRGNL LDVLQEGFNE QQLQAYVAWV NAQLKKRPV KPVQDLRQDL RDGVILAYLI EIVAGEKLSG VQLSPGNQQE MKNNVEKVLQ FVASKKIRMH QTSAKDIVDG NLKSIMRLVL ALAAHFKPGS SRTVNQGRDS RAPLQSHRPH CATAVAQGAA AALADVCHDM SRSGRDVFRY RQRNSSMDEE IENPYWSVRA LVQQYEGQQR SPSESSCSSL TSPSPIHSAK SESIITQSEE KADFVIIPAE GIENRTEGTD SPLSRDWRPG SPGTYLETSW EEQLLEQEQY LEKEMEEAKK MISGLQALLL NGSLPEDEQE RPLALCEPGV NPPEQLIIIQ SRLDQSMEEN QDLKKELLKC KQEARNLQGI KDALQQLTQ QDTSVLQLKQ ELLRANMDKD ELHNQNVDLQ RKLDERNRLL GEYKKELGQK DRLLQQHQAK LEEALRKLSD VSYHQVDLER ELEHKDVLLA HCMKREADEA TNYNSHNSQS NGFLLPTAGK GATSVSNRGT SDLQLVRDAL RSLRNSFSGH DPQHHTIDSL EQGISSLMER LHVMEQKKQ ERKVRVKSPR TQVGSEYRES WPPNSKLPHS QSSPTVSSTC TKVLYFTDRS LTPFMVNIPK RLEEVTLKDF KAAIDREGNH RYHFKALDPE FGTVKEEIFH DDDAIPGWEG KIVAWVEEDH GEN Sequence without tag. The proposed Purification-Tag is

Product Details

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: DIXDC1

Alternative Name: DIXDC1 ([DIXDC1 Products](#))

Background: Dixin (Coiled-coil protein DIX1) (Coiled-coil-DIX1) (DIX domain-containing protein 1),FUNCTION: Positive effector of the Wnt signaling pathway, activates WNT3A signaling via DVL2. Regulates JNK activation by AXIN1 and DVL2. {ECO:0000269|PubMed:15262978, ECO:0000269|PubMed:21189423}.

Molecular Weight: 77.5 kDa

UniProt: [Q155Q3](#)

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
