

Datasheet for ABIN7546967
DCST2 Protein (AA 1-773) (His tag)



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Overview

Quantity:	1 mg
Target:	DCST2
Protein Characteristics:	AA 1-773
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DCST2 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant DCST2 Protein expressed in mammalian cells.
Sequence:	MPKVMKDVVH PLGGEEPSMA RAVRSVGGF TLGLSLATAY GLELLVEGH SPWGCLVGTL TLAAFLSLGM GFSRQVRATV LLLLPQAFSR QGRTLLLVA FGLVLQGPCA NTLRNFTRAS EAVACGAELA LNQTAEVLQR AKQPLVSALN KIKAIARKTK EVADRVRKFF RSIMDGVKHI ARALRNWQW LLHIGDVCNS ELGNPYLKCA RVFDDAKDSC MMVIPQAYHL CYVLMPFKLA LCGLASLVQV FCVIPKYIQP FLRQTIGTPV IQLLNRVRQE FEFNMTATHH FSVDLNASRS LSQVAMDLHE AVSMKLHRVR EALALMGFTT PLLLVLLYLQ ALFYRYCYLN WDHYDNIYIT SRFLRMEAVR STAGLPTVLP LSAHEARRYI PPGSIFLSQW EKFFYILETF NLIRHLLLVL FLVFLDYAVF WVLDLARHQL QGEIVARSPV LVSLTVEGTG YAGNIYRDLV SAFDVLQQGN ISILSRRCLL RPSEPSTGY IVIGVMYGLC FFITLFGSYV SRLRRVICAS YPYSREQERI SYLYNVLLSR RTNLLAALHR SVRRRAADQG HRS AFLVLAS RCPCLGPFVS HFWLHQAYCL GCGQPQDEGD MENTVSCSTP GCQGLYCLTC FRLLDNTCSV CASPLSYQGD LDLELDSSDE EGPQLWLAAA QRKDPEQAWL LQQQLQEVLG RLSMESTSE SSDLDEEKGP QQRKHGQQPL PEAHQPVSIL

Product Details

TSPEPHRPPE TSSATKGAPT PASEPSVPLS PPSLPDPSHP PPK **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: DCST2

Alternative Name: DCST2 ([DCST2 Products](#))

Background: DC-STAMP domain-containing protein 2,FUNCTION: Essential sperm cell-surface protein required for sperm-egg fusion and fertilization. {ECO:0000250|UniProtKB:A0A140LIJ0}.

Molecular Weight: 86.2 kDa

UniProt: [Q5T1A1](#)

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
