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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

DSC2 (Human) Recombinant Protein (P01)

Catalog Number: H00001824-P01

Regulation Status: For research use only (RUO)

Product Description: Human DSC2 full-length ORF (NP_004940.1, 1 a.a. - 847 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MEAARPSGSWNGALCRLLLTLAILIFASDACKNVT
LH VPSKLD AEKLVGRVNLKECF TAANLIHSSDPDFQ
ILED GSVYTTNTILLSSEKRSFTILLSNTENQEKK
KIFVFLEHQ TKVLLKRHTKEKVLRRARRRWA
PIPCSMLENSLGPFLFLQVQSDTAQNYTIY
SIRGPGVDQEPRNLFYVERDTGNLYCTR
PVDREQYESFEIIAFATTPDGYTPELPLPL
I IKIEDENDNYPIFTEETYFTIFENCRVGT
TVGQVCATDKDEPDMHTRLKYSIIGQVPP
SPTLFSMHPTTGVIITTS SQLDRELIDKY
QLKIKVQDMGQYFGLQTTSTCIINIDD
VNDHLPTFTRTSYVTSVEENTVDVEILR
VTVEDKDLVNTANWRANYTILKGNENGN
FKIVTDAKTNEGVLCVVKPLNYEEKQ
QMILQIGVVNEAPFSREASPRSAMSTAT
VTV NVEDQDEGPECNPPIQTVRMKENA
EVGTTSNGYKAY DPETRSSSGIRYK
KLDPTGWVTIDENTGSIKVFRLD
REAETIKNGIYNITVLASDQGGRTCTG
TLGILQDVNDN SPFIPKKTVII
CKPTMSSAEIVADPDEPIHGPPDF
SLESSTSEVQRMWRLKAINDTAARLSY
QNPPFGSYVVPITVRDRLGMSSV
TSLDVTLCDCITENDCTHRVDPRIGG
GGVQLGKWAILLAILLFCILFTLVCG
ASGTSKQPKVIPDDLAQQNLIVSNT
EAPGDDKVYSANGFTTQTVGAS
AQVCGTVGSGIKNGGQETIEMVKG
GHQTSSECRGAGHHHTLDS
CRGGHTEVDNCRYTYSEWHSFTQ
PRLGE ESIRGHTLIKN

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 120.2

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression](#)

[system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 1824

Gene Symbol: DSC2

Gene Alias: ARVD11, CDHF2, DG2, DGII/III, DKFZp686I11137, DSC3

Gene Summary: The protein encoded by this gene is a calcium-dependent glycoprotein that is a member of the desmocollin subfamily of the cadherin superfamily. These desmosomal family members, along with the desmogleins, are found primarily in epithelial cells where they constitute the adhesive proteins of the desmosome cell-cell junction and are required for cell adhesion and desmosome formation. The desmosomal family members are arranged in two clusters on chromosome 18, occupying less than 650 kb combined. Mutations in this gene are associated with arrhythmogenic right ventricular dysplasia-11. Alternative splicing results in two transcript variants encoding distinct isoforms. [provided by RefSeq]