

Recombinant Full Length Bovine Desmocollin-2(Dsc2) Protein, His-Tagged

Cat. No. RFL36737BF **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Recombinant Full Length Bovine Desmocollin-2(DSC2) Protein (P33545) (90-863aa), fused to N-terminal His tag, was expressed in E. coli.

Species

Bovine

Source

E.coli

ProteinLength

Full Length of Mature Protein (90-863)

Form

Lyophilized powder

AA Sequence

RWAPIPCSVPENSLGPFPLFLQIQSDTAQNYTIYYSISGPGVDKEPRNLFYVERDT
 GNLFCTASIDRETYPLFELVAFATTPDGYTPEYPLTLVIRIEDENDNAPIFTETSYSFEV
 FENSKVGTTVGQVCATDQDEPDTLHTRLKYSIIQFPALPTLFSMHPTTGVITSSSK
 LDRELIDKYQLKIKVQDMDGQYFGLQTTAICIINIEDVNDNLPTFTRSSYVASVEENRI
 DVEILRVAVRDKDLINTANWRANYTILKGNEDGNFKIVTDSQTNEGVLVCKPLNYEE
 KQQVTLEIGVVNEAPYTGTSRSTTNMATVTVNVQNDQDEGPECDPRVQTVRIKENVP
 VGTKTIGYKAYDPETGSSSGIRYKSSDPEGWVDVDKNSGVITILKRLDREARSGVY
 NISIIASDKDGRTCNGVLGIVLEDVNDNGPVIQRTVVICKTMSSAEIVAVDPDEPIH
 GPPDFSLEGVSDSEVLRMWRLTKVNDTAARLSYLNDRFGKYTPVVRVTDRLGQS
 LVTQLVVILCDCVTPNDCSFRPVSRGTGNREVILGKWAILLGIALLFCILFTLVCGAT
 TGADKKPKVFPDDLAQQNLIVSNTEAPGDDKVYSTNDFTHAVGSSAHGIGGTLGS
 RVKNGGQETIEMVKGGHQTMEESCQETGHDHTLERCKEGGQHTLDSCRGGPVATD

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NCKYTYSEWYTYTQPRLGKVKVQQCDQDNTHMQAQDYVLTYNYEGRGSAAGSVGC
CSERQEEDGLEFLDHLGPKFRTLAETCMKR

Purity Greater than 90% as determined by SDS-PAGE.

Applications SDS-PAGE

Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles.

Storage Buffer Tris/PBS-based buffer, 6% Trehalose, pH 8.0

Reconstitution We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name DSC2

Synonyms DSC2; Desmocollin-2; Epithelial type 2 desmocollin; Fragment

UniProt ID [P33545](#)

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