

Recombinant Human DSG3 protein, His-tagged

Cat. No. DSG3-4068H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human DSG3 protein(P32926)(50-615aa), fused with C-terminal His tag, was expressed in Insect cells.
Species	Human
Source	Insect cells
ProteinLength	50-615aa
Tag	C-His
Form	Lyophilized from a 0.2 µm filtered 20 mM Tris-HCl, 0.5 M NaCl, 6% Trehalose, pH 8.0
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized Human DSG3 at 2 µg/mL can bind Anti-DSG3 recombinant antibody, the EC50 is 4.552-5.720 ng/mL.
Molecular Mass	63.8 kDa
Endotoxin	Less than 1.0 EU/ug as determined by LAL method.
Purity	Greater than 95% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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.

AA Sequence

EWVKFAKPCREGEDNSKRNP IAKITSDYQATQKITYRISGVGIDQPPFGIFVVDKNTG
 DINITAIVDREETPSFLITCRALNAQGLDVEKPLILTVKILDINDNPPVFSQQIFMGEIEE
 NSASNSLVMILNATDADEPNHLNSKIAFKIVSQEPAGTPMFLLSRNTGEVRTLTNSLD
 REQASSYRLVSGADKDGEGGLSTQCECNKVKDVNDNFPMFRDSQYSARIEENILSS
 ELLRFQVTDLDEEYTDNWLAVYFFTSNGEGNWFEIQTDPRTNNEGILKVVKALDYEQL
 QSVKLSIAVKNKAEFHQSVISRYRVQSTPVTIQVINVREGIAFRPASKTFTVQKGISSK
 KLVDYILGTYQAIDEDTNKAASNKVMGRNDGGYLMIDSKTAEIKFVKNMNRDSTFI
 VNKTITAEVLAIDEYTGKTSTGTVYVRVPDFNDNCPTAVLEKDAVCSSSPSVVVSART
 LNNRYTGPYTFALDQPVKLPVWSITTLNATSALLRAQEIQPPGVYHISLVLTD SQN
 NRCEMPRSLTLEVCQCDNRGICGTSYPTTSPGTRYGRPHSGR

GENE INFORMATION

Gene Name

[DSG3 desmoglein 3 \[Homo sapiens \]](#)

Official Symbol

[DSG3](#)

Synonyms

DSG3; desmoglein 3; desmoglein 3 (pemphigus vulgaris antigen); desmoglein-3; CDHF6; pemphigus vulgaris antigen; cadherin family member 6; 130-kD pemphigus vulgaris antigen; 130 kDa pemphigus vulgaris antigen; PVA; DKFZp686P23184;

Gene ID

[1830](#)

mRNA Refseq

[NM_001944](#)

Protein Refseq

[NP_001935](#)

 Tel: 1-631-559-9269 1-516-512-3133

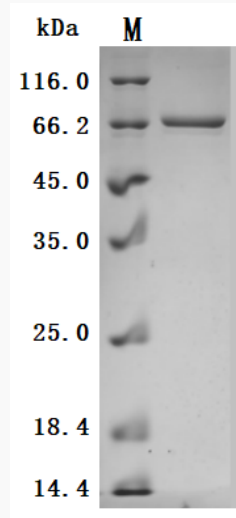
 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

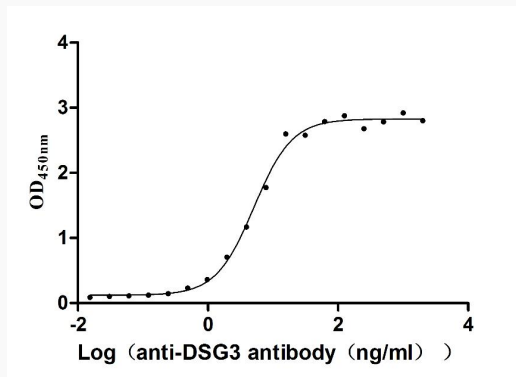
MIM 169615

UniProt ID P32926

SDS-PAGE



Activity



 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA