

Desmoglein-3 (DSG3) Recombinant Protein | DSG3 recombinant protein

Recombinant Human Desmoglein-3 (DSG3), partial

CATALOG # AAA18433	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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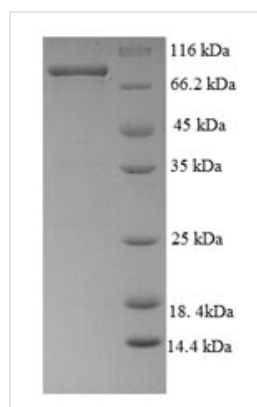
PRODUCT SYNONYMS

Desmoglein-3 (DSG3); Recombinant Human Desmoglein-3 (DSG3); partial; 130 kDa pemphigus vulgaris antigen; PVA; Cadherin family member 6; DSG3 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	50-615aa; Partial
Sequence	EWVKFAKPCR EGEDNSKRNP IAKITSDYQA TQKITYRISG VGIDQPPFGI FVVDKNTGDI NITAIVDREE TPSFLITCRA LNAQGLDVEK PLILTVKILD INDNPPVFSQ QIFMGEIEEN SASNSLVMIL NATDADEPNH LNSKIAFKIV SQEPAGTPMF LLSRNTGEVR TLTNSLDREQ ASSYRLVVSQ ADKDGEGLST QCECNKVKD VNDNPFMFRD SQYSARIEEN ILSSELLRFQ VTDLDEEYTD NWLAVYFFTS GNEGNWFIEQ TDPRTNEGIL KVVKALDYEQ LQSVKLSIAV KNKAEFHQSV ISRYRVQSTP VTIQVINVRE GIAFRPASKT FTVQKGISSK KLVDYILGTY QAIDEDTNKA ASNVKYVMGR NDGGYLMIDS KTAEIKFVKN MNRDSTFIVN KTITAEVLAI DEYTGKTSTG TVYVRVPDFN DNCPTAVLEK DAVCSSSPSV VVSARTLNNR YTGPTYFALE DQPVKLPVW SITTLNATSA LLRAQEQIPP GVYHISLVL TDSQNNRCEMP RSLTLEVCQC DNRGICGTSY PTTSPGTRYG RPHSGR
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for DSG3 recombinant protein	Component of intercellular desmosome junctions. Involved in the interaction of plaque proteins and intermediate filaments mediating cell-cell adhesion.
Product Categories/Family for DSG3 recombinant protein	Cell adhesion

References

Autoantibodies against a novel epithelial cadherin in pemphigus vulgaris, a disease of cell adhesion.Amagai M., Klaus-Kovtun V., Stanley J.R.Cell 67:869-877(1991) Complete sequencing and characterization of 21,243 full-length human cDNAs.Ota T., Suzuki Y., Nishikawa T., Otsuki T., Sugiyama T., Irie R., Wakamatsu A., Hayashi K., Sato H., Nagai K., Kimura K., Makita H., Sekine M., Obayashi M., Nishi T., Shibahara T., Tanaka T., Ishii S., Yamamoto J., Saito K., Kawai Y., Isono Y., Nakamura Y., Nagahari K., Murakami K., Yasuda T., Iwayanagi T., Wagatsuma M., Shiratori A., Sudo H., Hosoiri T., Kaku Y., Kodaira H., Kondo H., Sugawara M., Takahashi M., Kanda K., Yokoi T., Furuya T., Kikkawa E., Omura Y., Abe K., Kamihara K., Katsuta N., Sato K., Tanikawa M., Yamazaki M., Ninomiya K., Ishibashi T., Yamashita H., Murakawa K., Fujimori K., Tanai H., Kimata M., Watanabe M., Hiraoka S., Chiba Y., Ishida S., Ono Y., Takiguchi S., Watanabe S., Yosida M., Hotuta T., Kusano J., Kanehori K., Takahashi-Fujii A., Hara H., Tanase T.-O., Nomura Y., Togiya S., Komai F., Hara R., Takeuchi K., Arita M., Imose N., Musashino K., Yuuki H., Oshima A., Sasaki N., Aotsuka S., Yoshikawa Y., Matsunawa H., Ichihara T., Shiohata N., Sano S., Moriya S., Momiyama H., Satoh N., Takami S., Terashima Y., Suzuki O., Nakagawa S., Senoh A., Mizoguchi H., Goto Y., Shimizu F., Wakebe H., Hishigaki H., Watanabe T., Sugiyama A., Takemoto M., Kawakami B., Yamazaki M., Watanabe K., Kumagai A., Itakura S., Fukuzumi Y., Fujimori Y., Komiyama M., Tashiro H., Tanigami A., Fujiwara T., Ono T., Yamada K., Fujii Y., Ozaki K., Hirao M., Ohmori Y., Kawabata A., Hikiji T., Kobatake N., Inagaki H., Ikema Y., Okamoto S., Okitani R., Kawakami T., Noguchi S., Itoh T., Shigeta K., Senba T., Matsumura K., Nakajima Y., Mizuno T., Morinaga M., Sasaki M., Togashi T., Oyama M., Hata H., Watanabe M., Komatsu T., Mizushima-Sugano J., Satoh T., Shirai Y., Takahashi Y., Nakagawa K., Okumura K., Nagase T., Nomura N., Kikuchi H., Masuho Y., Yamashita R., Nakai K., Yada T., Nakamura Y., Ohara O., Isogai T., Sugano S.Nat. Genet. 36:40-45(2004) DNA sequence and analysis of human chromosome 18.Nusbaum C., Zody M.C., Borowsky M.L., Kamal M., Kodira C.D., Taylor T.D., Whittaker C.A., Chang J.L., Cuomo C.A., Dewar K., FitzGerald M.G., Yang X., Abouelleil A., Allen N.R., Anderson S., Bloom T., Bugalter B., Butler J., Cook A., DeCaprio D., Engels R., Garber M., Gnirke A., Hafez N., Hall J.L., Norman C.H., Itoh T., Jaffe D.B., Kuroki Y., Lehoczky J., Lui A., Macdonald P., Mauceli E., Mikkelsen T.S., Naylor J.W., Nicol R., Nguyen C., Noguchi H., O'Leary S.B., Piqani B., Smith C.L., Talamas J.A., Topham K., Totoki Y., Toyoda A., Wain H.M., Young S.K., Zeng Q., Zimmer A.R., Fujiyama A., Hattori M., Birren B.W., Sakaki Y., Lander E.S.Nature 437:551-555(2005) Identification of N-linked glycoproteins in human saliva by glycoprotein capture and mass spectrometry.Ramachandran P., Boontheung P., Xie Y., Sondej M., Wong D.T., Loo J.A.J. Proteome Res. 5:1493-1503(2006) Initial characterization of the human central proteome.Burkard T.R., Planyavsky M., Kaupe I., Breitwieser F.P., Buerckstuemmer T., Bennett K.L., Superti-Furga G., Colinge J.BMC Syst. Biol. 5:17-17(2011)

NCBI AND UNIPROT INFORMATION

NCBI GI #	119964718
NCBI GeneID	1830
NCBI Accession #	NP_001935.2
NCBI GenBank Nucleotide #	NM_001944.2
UniProt Accession #	P32926; A8K2V2
Molecular Weight	79.0 kDa
NCBI Official Full Name	desmoglein-3 preproprotein
NCBI Official Synonym Full Names	desmoglein 3
NCBI Official Symbol	DSG3
NCBI Official Synonym Symbols	PVA; CDHF6
NCBI Protein Information	desmoglein-3
UniProt Protein Name	Desmoglein-3
UniProt Gene Name	DSG3
UniProt Synonym Gene Names	CDHF6; PVA
UniProt Entry Name	DSG3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

