

Desmoglein-3 (Dsg3) Active Protein | Dsg3 active protein

Recombinant Mouse Desmoglein-3 (Dsg3), partial (Active)

CATALOG #
AAA278904

HOST
Mammalian Cell

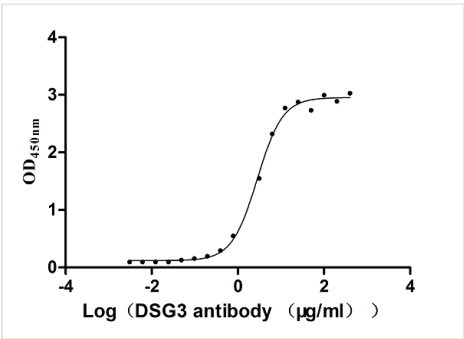
PRODUCT SYNONYMS

Desmoglein-3 (Dsg3); Recombinant Mouse Desmoglein-3 (Dsg3); partial (Active); (Desmoglein-3)(130kDa pemphigus vulgaris antigen homolog); Dsg3 active protein

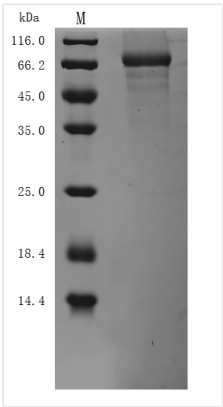
PRODUCT SPECIFICATIONS

Host	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	50-617aa; Partial
Sequence	EWVKFAKPCR EREDNSRRNP IAKITSDFQK NQKITYRISG VGIDQPPFGI FVVDPNNGDI NITAIVDREE TPSFLITCRA LNALGQDVER PLILTVKILD VNDNPPIFSQ TIFKGEIEN SASNSLVMIL NATDADEPNH MNSKIAFKIV SQEPAGMSMF LISRNTGEVR TLTSSLDREQ ISSYHLVVSG ADNDGTGLST QCECSIKID VNDNFPVLRE SQYSARIEEN TLNAELLRFQ VTDWDEEYTD NWLAVYFFTS GNEGNWFEIE TDPRTNEGIL KVVKALDYEQ VQSMQFSIAV RNKAEFHQSV ISQYRVQSTP VTIQVIDVRE GISFRPPSKT FTVQRGVSTN KLVGYILGTY QATDEDTGKA ASSVRYVLGR NDGGLVIDS KTAQIKFVKN IDRDSTFIVN KTISAEVLAI DENTGKTSTG TIYVEVPSFN ENCPSSVLEK KDICTSSPSV TLSVRTLDRG KYTGPTYVSL EEQPLKLPVM WTITTLNATS ALLQAQQQVS PGVYNVPVIV KDNQDGLCDT PESLTLVCQ CDDRSMCRAP IPSREPNTYG ESSWRLGP
Species	Mus musculus (Mouse)
Endotoxin	Less than 1.0EU/ug as determined by LAL method.
Relevance	Component of intercellular desmosome junctions. Involved in the interaction of plaque proteins and intermediate filaments mediating cell-cell adhesion.
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. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20 degree C/-80 degree C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Activity	Measured by its binding ability in a functional ELISA. Immobilized Mouse Dsg3 at 5 ug/mL can bind Anti-DSG3 recombinant antibody, the EC50 is 2.624-3.182 ug/mL.
Preparation and Storage	Store at -20 degree C. For extended storage, store at -20 or -80 degree C. Repeated freezing and thawing is not recommended. Store working aliquots at 4 degree C for up to one week.

IMAGES



Bioactivity



SDS-PAGE
Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

ADDITIONAL INFORMATION

Product Categories/Family for Dsg3 active protein	Signal Transduction
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NCBI AND UNIPROT INFORMATION

NCBI GI #	25452923
NCBI GeneID	13512
UniProt Accession #	O35902; Q8CB02; Q8CE48
Molecular Weight	101,344 Da
NCBI Official Full Name	Desmoglein-3
UniProt Protein Name	Desmoglein-3
UniProt Gene Name	Dsg3
UniProt Entry Name	DSG3_MOUSE

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.

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Online datasheet: <https://www.aaabiotech.com/mammalian-active-protein/desmoglein-3-dsg3/278904>