Cadherin-16 (Cdh16) Recombinant Protein | Cdh16 recombinant protein

Recombinant Mouse Cadherin-16 (Cdh16), partial

CATALOG #	HOST
AAA116074	**E Coli or Yeast or Baculovirus or Mammalian Cell**

PRODUCT SYNONYMS

Cadherin-16 (Cdh16); Recombinant Mouse Cadherin-16 (Cdh16); partial; Cdh16 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	22-788aa; Partial
Sequence	QPAESLHTEV PENYGGNFPF YILKLPLPLG RDEGHIVLSG DSNTADQNTF AVDTDSGFLV ATRTLDREEK AEYQLQVTLE SEDGRILWGP QLVTVHVKDE NDQVPQFSQA IYRAQLSQGT RPGVPFLFLE ASDGDAPGTA NSDLRFHILS QSPPQPLPDM FQLDPHLGAL ALSPSGSTSL DHALEETYQL LVQVKDMGDQ PSGHQAIATV EISIVENSWA PLEPVHLAEN LKVVYPHSIA QVHWSGGDVH YQLESQPPGP FDVDTEGMLH VTMELDREAQ AEYQLQVRAQ NSHGEDYAEP LELQVVVMDE NDNAPVCSPH DPTVNIPELS PPGTEIARLS AEDLDAPGSP NSHIVYQLLS PEPEEGAENK AFELDPTSGS VTLGTAPLHA GQSILLQVLA VDLAGSESGL SSTCEVTVMV TDVNNHAPEF INSQIGPVTL PEDVKPGALV ATLMATDADL EPAFRLMDFA IEEGDPEGIF DLSWEPDSDH VQLRLRKNLS YEAAPDHKVV VVVSNIEELV GPGPGPAATA TVTILVERVV APLKLDQESY ETSIPVSTPA GSLLLTIQPS DPMSRTLRFS LVNDSEGWLC IKEVSGEVHT AQSLQGAQPG DTYTVLVEAQ DTDKPGLSTS ATVVIHFLKA SPVPALTLSA GPSRHLCTPR QDYGVVVSGV SEDPDLANRN GPYSFALGPN PTVQRDWRLQ PLNDSHAYLT LALHWVEPGE YMVPVVVHHD THMWQLQVKV IVCRCNVEGQ CMRKVGRMKG MPTKLSA
Species	Mouse
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for Cdh16 recombinant protein	This gene is a member of the cadherin superfamily, genes encoding calcium-dependent, membrane-associated glycoproteins. Mapped to a previously identified cluster of cadherin genes on chromosome 16q22.1, the gene localizes with superfamily members CDH1, CDH3, CDH5, CDH8 and CDH11. The protein consists of an extracellular domain containing 6 cadherin domains, a transmembrane region and a truncated cytoplasmic domain but lacks the prosequence and tripeptide HAV adhesion recognition sequence typical of most classical cadherins. Expression is exclusively in kidney, where the protein functions as the principal mediator of homotypic cellular recognition, playing a role in the morphogenic direction of tissue development.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6680900
NCBI GeneID	12556
NCBI Accession #	NP_031689.1
NCBI GenBank Nucleotide #	NM_007663.3
UniProt Accession #	O88338; Q9JLZ5

Molecular Weight	89,860 Da
NCBI Official Full Name	cadherin-16 isoform 1
NCBI Official Synonym Full Names	cadherin 16
NCBI Official Symbol	Cdh16
NCBI Protein Information	cadherin-16
UniProt Protein Name	Cadherin-16
UniProt Gene Name	**Cdh16**
UniProt Synonym Gene Names	Ksp-cadherin

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://www.aaabiotech.com/cdh16-recombinant-protein-e-coli/116074