



Recombinant Human CDH16

Protein Product Manual

1. Product Basic Information

Product No.: REP06410

Protein Name: Cadherin 16 (CDH16)

Aliases: cadherin 16; cadherin-16; KSP-cadherin; kidney-specific cadherin; cadherin 16, KSP-cadherin

UniProt ID: O75309

UniProt Link: <https://www.uniprot.org/uniprotkb/O75309/entry>

Species Source: Homo sapiens (Human)

Expression System: Baculovirus

Protein Length: Partial (19-786aa)

Molecular Weight: 84.7 kDa

Protein Tag: C-terminal 10xHis-tagged

2. Amino Acid Sequence (19-786aa)

KAQPAELSVEVPENYGGNFPLYLTKLPLPREGAEGQIVLSGDSGKATEGPFAMDPD
SGFLLVTRALDREEQAEYQLQVTLEMQDGHVLWGPQPVLVHVKDENDQVPHFSQ
AIYRARLSRGTRPGIPFLFLEASDRDEPGTANSDLRFHILSQAPAQSPDMFQLEPR
LGALALSPKGSTSLDHALERTYQLLVQVKMDGDQASGHQATATVEVSIESTWVSLE
PIHLAENLKVLYPHHMAQVHWSSGGDVHYHLESHPPGPFVNAEGNLYVTRELDRE
AQAEYLLQVRAQNSHGEDYAAPLELHVLVMDENDNVICPPRDPTVSIPELSPPGT
EVTRLSAEDADAPGSPNSHVYQLLSPEPEDGVEGRAFGVDPTSGSVTLGVLPLRA
GQNILLVLAMDLAGAEGGFSSTCEVEVAVTDINDHAPEFITSQIGPISLPEDVEPGT
LVAMLTADADLEPAFRLMDFAIERGDTEGTFGLDWEPDSGHVRLRLCKNLSYEAA
PSHEVVVVVQSVAKLVGPGPGGATATVTVLVERVMPPPKLDQESYEASVPISAPA
GSFLLTIQPSDPISRTLRFSLVNDSEGWLCIEKFSGEVHTAQSLQGAQPGDTYTVLV
EAQDTDEPRLSASAPLVHFLKAPPAPALTAPVPSQYLCTPRQDHGLIVSGPSKDP
DLASGHGPYSFTLGPNPTVQRDWRLQTLNGSHAYLTALHWVEPREHIIPVVVSHN
AQMWWQLLVRVIVCRCNVEGQCMRKVGRMKGMPTKLSA

3. Storage Buffer



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Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.

4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.

5. Product Description

This product is a recombinant Human CDH16 partial protein (19-786aa) expressed in Baculovirus. The protein is with 10xHis tag at the C-terminus, which facilitates protein purification, detection and identification. CDH16, also known as cadherin 16 or cadherin-16 or KSP-cadherin, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.