

32-7745: Recombinant Human Cadherin-17/LI-Cadherin/CDH17 (C-6His)(Discontinued)

Gene : CDH17
Gene ID : 1015
Uniprot ID : Q12864

Description

Source: Human Cells.
MW :86kD.

Recombinant Human Cadherin-17 is produced by our Mammalian expression system and the target gene encoding Gln23-Met787 is expressed with a 6His tag at the C-terminus. Cadherin-17 is a single-pass type I membrane protein that belongs to the cadherin superfamily. Cadherin-17 consists of one extracellular region containing seven cadherin domains and one transmembrane region but it lacks the conserved cytoplasmic domain. Cadherin-17 is expressed in the gastrointestinal tract and pancreatic duct. Cadherins are calcium dependent cell adhesion proteins and preferentially interact with each other in a homophilic manner in connecting cells. Cadherin-17 may have a role in the morphological organization of liver and intestine and involved in intestinal peptide transport.

Product Info

Amount : 10 µg / 50 µg
Content : Lyophilized from a 0.2 µm filtered solution of 20mM TrisHCl, 150mM NaCl, pH 7.4.
Storage condition : Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.
Amino Acid : QEGKFSGLKPMFTFSIYEGQEPSQIIFQFKANPPAVTFELTGETDNIFVIEREGLLYNRALDRETRSTHNLQVAAL DANGIIVEGPPITIEVKDINDNRPTFLQSKYEGSVRQNSRPGKPLYVNATDLDDPATPNGQLYYQIVQLPMIN NVMYFQINNKTGAISLTREGSQELNPAKNPSYNLVISVKDMGGQSENSFSDTTSVDIIVTENIWKAPKPVEMVEN STDPHPKITQVRWNDPGAQYSLVDKEKLPRFPFSIDQEGDIYVTQPLDREEKDAYVFYAVAKDEYKPLSYPLEI HVKVKDINDNPPTCSPVTVFEVQENERLGNISIGTLTAHDRDEENTANSFLNYRIVEQTPKLPMDGLFIQTYAG MLQLAKQSLKKQDTPQYNLTIEVSDKDFKTLCFVQINVIDINDQIPIFEKSDYGNLTLAEDTNIIGSTILTIQATDAD EPFTGSSKILYHIKGDSEGR LGVDTDPHTNTGYVIKKPLDFETAAVSNIVFKAENPEPLVFGVKYNASSFAKFTLI VTDVNEAPQFSQHVFQAKVSEDVAIGTKVGNVTAKDPEGLDISYSLRGDTRGWLKIDHVTGEIFSVAPLDREAG SPYRVQVVATEVGGSSLSSVSEFHLILMDVNDNPPRLAKDYTG LFFCHPLSAPGSLIFEATDDDDQH LFRGPHTF SLGSGSLQNDWEVSKINGTHARLSTRHTDFEEREYVVLIRINDGGRPPLEGIVSLPVTFCSCVEGSCFRPAGHQ TGIPTVGMVDHHHHHH

Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH₂O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Endotoxin : Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.