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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

CDH1 (Human) Recombinant Protein (P01)

Catalog Number: H00000999-P01

Regulation Status: For research use only (RUO)

Product Description: Human CDH1 full-length ORF (ENSP00000261769, 1 a.a. - 882 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MGPWSRSL SALLLLLQVSSWLCQEPEPCHPGFDAES
YTFTVPRRH LERGRVLGRVNFEDCTGRQRTAYFSLDT
RFKVGTDGVITVKRPLRFHNPQIHFLVYAWDSTYRKFS
TKVTLN TVGHHHRPPPHQASVSGIQAE LLTFPNSSPGL
RRQKR D WVIPPISCPENEKGFPPK NLVQIKSNKDKKEG
KVFYSITGQGADTPPVGVFI IERETGWLKVTEPLDRERI
ATYTLF SHAVSSNGNAVEDPMEILITVTDQNDNKPEFT
QEVFKGSVMEGALPGTSVMEVTATDADDDVNTYNAAI
AYTILSQDPELPDKNMFTINRNTGVISVVT TGLDRESFP
TYTLVVQAADLQGEGLSTTATAVITVTD TNDNPPIFNPT
TYKGQVPENEANVVITTLKVTDADAPNTPAWEAVYTIL
NDDGGQFVVTNPNVNDGILKTA KGLDFEAKQQYILH
VAVTNVVPFEVSLTTSTATVTVDVLDVNEAPIFVPEK
RVEVSEDFGVGQEITSYTAQEPDTFMEQKITYRIWRDT
ANWLEINPDTGAISTRAELDREDFEHVKNSTY TALIAT
DNGSPVATGTG TLLLILSDVNDNAPIPEPRTIFFCERNP
KPQVINIIDADLPNTSPFTAELTHGASANWTIQYNDPT
QESIILKPKMALEVGDYKINLKLMDNQNKDQVTTLEVS
VCDCEGAAGVCRKAQPVEAGLQIPAILGILGGILALLILI
LLLLLFLRRRAVVKEPLLPPEDDTRDNVYYYDEEGGGE
EDQDFDLSQLHRGLDARPEVTRNDVAP TLMSPRYLP
R PANPDEIGNFIDENLKAADTDPTAPPYD SLLVFDYEG
SGSEAASLSSLNSSES D KQDYDYLNEWGNRFKKLA
DMYGGGEDD

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 123.9

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 999

Gene Symbol: CDH1

Gene Alias: Arc-1, CD324, CDHE, ECAD, LCAM, UVO

Gene Summary: This gene is a classical cadherin from the cadherin superfamily. The encoded protein is a calcium dependent cell-cell adhesion glycoprotein comprised of five extracellular cadherin repeats, a transmembrane region and a highly conserved cytoplasmic tail. Mutations in this gene are correlated with gastric, breast, colorectal, thyroid and ovarian cancer. Loss of function is thought to contribute to progression in cancer by increasing proliferation, invasion, and/or metastasis. The ectodomain of this protein mediates bacterial adhesion to mammalian cells and the cytoplasmic domain is required for internalization. Identified transcript variants arise from mutation at consensus splice sites. [provided by RefSeq]