

Recombinant Human CDH19 protein, GST-tagged

Cat. No. CDH19-332H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CDH19(1 a.a. - 772 a.a.) fused with GST tag at N-terminal was expressed in CHO.
Species	Human
Source	Wheat Germ
ProteinLength	1-772 a.a.
Description	This gene is one of three related type II cadherin genes situated in a cluster on chromosome 18. The encoded protein is a calcium dependent cell-cell adhesion glycoprotein containing five extracellular cadherin repeats. Loss of cadherins may be associated with cancer formation. Alternative splicing results in multiple transcript variants for this gene.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	113.4 kDa
AA Sequence	MNCYLLLRFMLGIPLLWPCLGATENSQTKKVKQPVRSHLRVKRGWVWNQFFVPEE MNTTSHHIGQLRSDLNNGN SFQYKLLGAGAGSTFIIDERTGDIYAIQKLDREERSLY ILRAQVIDIATGRAVEPESEFVIKVSINDNEPKFLD EPYEIVPEMSPEGTLVIQVTAS DADDPSSGNNARLLYSLLQGQPYFSVEPTTG VIRISSKMDRELQDEYWVIIQ AKDMI GQPGALSGTTSVLIKLSVDNDNKPIFKESLYRLTVSESAPTGT SIGTIMAYDNDIGENA EMDYSIEEDDS QTFDIITNHETQEGIVILKKKVD FEHQNHYGIRAKVKNHHVPEQLMK

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YHTEASTTFIKIQVEDVDEPPLFLLPYY VFEVFEETPQGSFVGVVSATDPDNRKSPIR
 YSITRSKVFNINDNGTITTSNSLDREISAWYNLSITATEKYNIEQ ISSIPLYVQVLNINDH
 APEFSQYYETYVCENAGSGQVIQTISAVDRDESIEEHHFYFNLSVEDTNSSFTIIDN
 Q DNTAVILTNRGTGFNLQEEPVFYISILIADNGIPSLTSTNTLTIHVCDGDSGSTQTCQ
 YQELVLSMGFKTEVIA ILICIMIIFGFIFLTLGLKQRRKQILFPEKSEDFRENIFQYDDE
 GGGEEDTEAFDIAELRSSTIMRERKTRKTTT AEIRSLYRQSLQVGPDSAIFRKFILEK
 LEEANTDPCAPPFDSLQTYAFEGTGSLAGSLSSLESVSDQDESYDYL NELGPRFK
 RLACMFGSAVQSNN

Applications Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);
 Antibody Production; Protein Array

Notes Best use within three months from the date of receipt of this protein.

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name [CDH19 cadherin 19, type 2 \[Homo sapiens \]](#)

Official Symbol [CDH19](#)

Synonyms CDH19; cadherin 19, type 2; cadherin-19; CDH7; CDH7L2;

Gene ID [28513](#)

mRNA Refseq [NM_021153](#)

Protein Refseq [NP_066976](#)

MIM [603016](#)

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UniProt ID	Q9H159
Chromosome Location	18q22.1
Function	calcium ion binding;

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