

Cadherin-17 Protein, Human (765a.a, HEK293, His)

Cat. No.:	HY-P7699
Synonyms:	rHuCadherin-17, His; Cadherin-17; CDH17; Intestinal Peptide-Associated Transporter HPT-1
Species:	Human
Source:	HEK293
Accession:	AAI13465.1 (Q23-M787)
Gene ID:	1015
Molecular Weight:	110-130 kDa

PROPERTIES

AA Sequence

Q E G K F S G P L K	P M T F S I Y E G Q	E P S Q I I F Q F K	A N P P A V T F E L
T G E T D N I F V I	E R E G L L Y Y N R	A L D R E T R S T H	N L Q V A A L D A N
G I I V E G P V P I	T I E V K D I N D N	R P T F L Q S K Y E	G S V R Q N S R P G
K P F L Y V N A T D	L D D P A T P N G Q	L Y Y Q I V I Q L P	M I N N V M Y F Q I
N N K T G A I S L T	R E G S Q E L N P A	K N P S Y N L V I S	V K D M G G Q S E N
S F S D T T S V D I	I V T E N I W K A P	K P V E M V E N S T	D P H P I K I T Q V
R W N D P G A Q Y S	L V D K E K L P R F	P F S I D Q E G D I	Y V T Q P L D R E E
K D A Y V F Y A V A	K D E Y G K P L S Y	P L E I H V K V K D	I N D N P P T C P S
P V T V F E V Q E N	E R L G N S I G T L	T A H D R D E E N T	A N S F L N Y R I V
E Q T P K L P M D G	L F L I Q T Y A G M	L Q L A K Q S L K K	Q D T P Q Y N L T I
E V S D K D F K T L	C F V Q I N V I D I	N D Q I P I F E K S	D Y G N L T L A E D
T N I G S T I L T I	Q A T D A D E P F T	G S S K I L Y H I I	K G D S E G R L G V
D T D P H T N T G Y	V I I K K P L D F E	T A A V S N I V F K	A E N P E P L V F G
V K Y N A S S F A K	F T L I V T D V N E	A P Q F S Q H V F Q	A K V S E D V A I G
T K V G N V T A K D	P E G L D I S Y S L	R G D T R G W L K I	D H V T G E I F S V
A P L D R E A G S P	Y R V Q V V A T E V	G G S S L S S V S E	F H L I L M D V N D
N P P R L A K D Y T	G L F F C H P L S A	P G S L I F E A T D	D D Q H L F R G P H
F T F S L G S G S L	Q N D W E V S K I N	G T H A R L S T R H	T D F E E R E Y V V
L I R I N D G G R P	P L E G I V S L P V	T F C S C V E G S C	F R P A G H Q T G I
P T V G M H H H H H	H		

Appearance Lyophilized powder

Formulation Lyophilized after extensive dialysis against 20 mM PB, 150 mM NaCl, pH 7.4.

Endotoxin Level <1 EU/μg, determined by LAL method.

Reconstitution It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH₂O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).

Storage & Stability Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is

recommended to freeze aliquots at -20°C or -80°C for extended storage.

Shipping

Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background

Cadherin-17, also called liver-intestinal cadherin or human peptide transporter-1, is a member of the cadherin superfamily and is a Ca²⁺-dependent cell-cell adhesion molecule^[1].

REFERENCES

[1]. Min-Cheng Su, et al. Cadherin-17 is a useful diagnostic marker for adenocarcinomas of the digestive system. Mod Pathol. 2008 Nov;21(11):1379-86.

Caution: Product has not been fully validated for medical applications. For research use only.

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