

## Cadherin-3 Protein, Human (HEK293, Fc)

<b>Cat. No.:</b>	HY-P7701
<b>Synonyms:</b>	rHuCadherin-3, C-Fc; Cadherin-3; Placental Cadherin; CDH3;
<b>Species:</b>	Human
<b>Source:</b>	HEK293
<b>Accession:</b>	P10287 (E100-G647)
<b>Gene ID:</b>	12560
<b>Molecular Weight:</b>	Approximately 120.0 kDa

### PROPERTIES

<b>AA Sequence</b>	<pre> EWVMPPIFVPE  ENGKGPFPQR  LNQLKSNKDR  GTKIFYSITG PGADSPPEGV   FTIEKESGWL  LLHMPLDREK  IVKYELYGHA VSENGASVEE   PMNISIIIVTD QNDNKPKFTQ  DTFRGSVLEG VMPGTSVMQV   TATDEDDAVN  TYNGVVAYS I  HSQEPKEPHD LMFTIHKSTG   TISVISSGLD  REKVPEYRLT  VQATDMDGEG STTTAEAVVQ   ILDANDNAPE  FEPQKYEAWV  PENEVGHEVQ RLTVTDLDVP   NSPAWRATYH  IVGGDDGDHF  TITTHPETNQ GVLTTKKGLD   FEAQDQHTLY  VEV TNEAPFA  VKLPTATATV VVHV KDVNEA  PVFVPPSKVI  EAQEGISIGE  LVC IYTAQDP DKEDQKISYT   ISRDPANWLA  VDPDSGQITA  AGILDREDEQ FVKNNVYEV M  VLATDSGNPP  TTGTGTL L L T  LTDINDHGPI PEPRQIIICN   QSPVPQVLNI  TDKDLSPNSS  PFQAQLTHDS DIYWMAEVSE   KGDTVALS L K  KFLKQDTYDL  HLSLSDHG NR EQLTMIRATV   CDCHGQVFND  CPRPWKGG </pre>
<b>Appearance</b>	Lyophilized powder.
<b>Formulation</b>	Lyophilized after extensive dialysis against PBS, pH7.4.
<b>Endotoxin Level</b>	<1 EU/μg, determined by LAL method.
<b>Reconstitution</b>	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH <sub>2</sub> O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
<b>Storage &amp; Stability</b>	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.
<b>Shipping</b>	Room temperature in continental US; may vary elsewhere.

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## DESCRIPTION

### Background

Cadherin-3 (P-cadherin) is a calcium dependent cell-cell adhesion glycoprotein, which has a crucial role in the conservation of the structural integrity of epithelial tissues<sup>[1]</sup>.

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## REFERENCES

[1]. André Filipe Vieira, et al. P-cadherin and the journey to cancer metastasis. Mol Cancer. 2015 Oct 6;14:178.

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

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