

Table S1. Primers used in this study

Primer name	Sequence ¹ (5' to 3')	Restriction enzyme sites
pGEX-4T-1-Cpgp40-F	CGCGAATTCGATGTTCCTGTTGAGGGCTC	EcoRI
pGEX-4T-1-Cpgp40-R	CGCGTCGACCTCTGAGAGTGATCTTCTTG	Sall
pcDNA3.1-ENO1-F	CGCGAATTCGCCACCATTGTCTATTCTCAAGATCCATGCC	EcoRI
pcDNA3.1-ENO1-R	CCGCTCGAGTTACTTGGCCAAGGG	XhoI
pBiFC-VN155-ENO1-F	CGCGAATTCGCCACCATTGTCTATTCTCAAGATCCATGCC	EcoRI
pBiFC-VN155-ENO1-R	CCGCTCGAGCTTACTTGGCCAAGGG	XhoI
pcDNA3.1-HA-Cpgp40-F	CGCGAATTCGCCACCGATGTTCCTGTTGAGGGCTC	EcoRI
pcDNA3.1-HA-Cpgp40-R	CGCGTCGACGTGGTGGTGGTGGTGGTGGTGGTCTCTGAGAGTGATCTTCTTG	XhoI
pBiFC-VC155-HA-Cpgp40-F	CGCCTCGAGGCCACCGATGTTCCTGTTGAGGGCTC	EcoRI
pBiFC-VC155-HA-Cpgp40-R	CGCGTCGACGTGGTGGTGGTGGTGGTGGTGGTGGTCTCTGAGAGTGATCTTCTTG	XhoI
pCAGGS-HA-ENO1-F	CGCGAATTCGCCACCATTGTCTATTCTCAAGATCCATGCC	EcoRI
pCAGGS-HA-ENO1-R	CCGCTCGAGTTACTTGGCCAAGGG	XhoI
pCAGGS-HA-ENO1-M1-F	CCGCTGGTGCTTCAACTGGTATCTATGAGG	/
pCAGGS-HA-ENO1-M1-R	AGTTGAAGCACCCAGCGGGCACAGCAGCTCTGAAGA	/
pCAGGS-HA-ENO1-M2-F	TCATCGGCATGGCCGTAGCGGCCTCCGAGTTCTT	/
pCAGGS-HA-ENO1-M2-R	TACGGCCATGCCGATGACCACCTTATC	/
pCAGGS-HA-ENO1-M3-F	GTCTATCGCAGATCCCTTTGACCAGGATGACTG	/
pCAGGS-HA-ENO1-M3-R	AGGGATCTGCGATAGACACCACTGGGTAGTCCTTG	/
pCAGGS-HA-ENO1-M4-F	AGGTAGTGGCGGATGATCTCACAGTGACCAACCC	/
pCAGGS-HA-ENO1-M4-R	ATCATCCGCCACTACCTGGATTCTGCCTGACTGG	/

¹ Restriction enzyme sites are presented in italics.

Table S2. Plasmids used in this study.

Plasmids	Used for
pGEX-4T-1-Cpgp40	Prokaryotic express to produce GST-Cpgp40 fusion protein for GST Pull-down
pcDNA3.1-ENO1	Eukaryotic express to produce ENO1 fusion protein for Co-IP
pcDNA3.1-HA-Cpgp40	Eukaryotic express to produce HA-Cpgp40 fusion protein for Co-IP
pBiFC-VC155-HA-Cpgp40	Eukaryotic express to produce HA-Cpgp40 fusion protein for BiFC
pBiFC-VN155-ENO1	Eukaryotic express to produce HA-KN151 fusion protein for BiFC
pCAGGS-HA-ENO1	Eukaryotic express to study the effect of ENO1 in <i>C. parvum</i> invasion HCT-8 cells
pCAGGS-HA-ENO1-M	Eukaryotic express truncated ENO1 protein

Table S3. Gene specific primers used for real time PCR analysis of mRNA levels

Gene	Primer sequence (5' -3')
Human ENO1	F: GGAGATCTCGCCGGCTTTAC
	R: TCAACAGCCTTTGAGACACCCTT
Human GAPDH	F: GTCAGCCGCATCTTCTTTTG
	R: GCGCCCAATACGACCAAATC
<i>Cryptosporidium parvum</i> 18S	F: TAGAGATTGGAGGTTGTTCTT
	R: TAGGGTAGGCACACGCTGAGCC
Human 18s	F: CCGATAACGAACGAGACTCTGG
	R: TAGGGTAGGCACACGCTGAGCC
Human occludin	F: CCCCATCTGACTATGTGGAAAGA
	R: AAAACCGCTTGTCATTCACTTTG
Human claudin 4	F: GCGGTGGTGTTCCTGTTG
	R: AGCGGATTGTAGAAGTCTTGG
Human E-cadherin	F: ATTTTTCCTCGACACCCGAT
	R: TCCCAGGCGTAGACCAAGA
Human ACTG1	F: CATTGTCATGGACTCTGGAGAC
	R: GAGGATCTTCATGAGGTAGTCG
Human TUBB	F: GCAATAGCACAGCCATCCAGGAG
	R: TCAGCCTCGGTGAACTCCATCTC
Human TUBA3D	F: GCTCTCAGTGGATTACGGCAAGAAG
	R: TGGGTGGTCAGGATGGAGTTGTAG