

HDFP757

Product Information

Product SKU:	HDFP757	Expression Host:	HEK293	Size:	10µg
Target:	CLDN18.2	Tag:	Biotinylated, Flag&Avi Tag	C-:	

Additional Information

Conjugate:	Biotinylated	Uniprot ID:	P56856-2
Molecular Weight:	The human full length CLDN18.2 Protein has a MW of 32.5 kDa		

Protein Information

Background: This gene encodes a member of the claudin family. Claudins are integral membrane proteins and components of tight junction strands. Tight junction strands serve as a physical barrier to prevent solutes and water from passing freely through the paracellular space between epithelial or endothelial cell sheets, and also play critical roles in maintaining cell polarity and signal transductions. This gene is upregulated in patients with ulcerative colitis and highly overexpressed in infiltrating ductal adenocarcinomas. PKC/MAPK/AP-1 (protein kinase C/mitogen-activated protein kinase/activator protein-1) dependent pathway regulates the expression of this gene in gastric cells. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jun 2010]

Synonyms: Claudin 18.2

Protein Description: Biotinylated Human CLDN18.2 full length protein-synthetic nanodisc

Formulation: Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for

Protein Pathways: Cell adhesion molecules (CAMs), Leukocyte transendothelial migration, Tight junction.

Protein Families: Transmembrane.

Contact Details | Dublin, Ireland

Email: techsupport@assaygenie.com | **Web:** www.assaygenie.com

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Usage: Research use only

Storage & Shipping: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

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