

Fluorescent Human CLDN18.2 Full-Length Bioactive Membrane Protein (EGFP) HDFP129



Product Information

Product SKU:

HDFP129

Size:

25test

Molecular Weight:

The human full length CLDN18.2 fusion protein has a MW of 54.2 kDa

Expression System:

HEK293

Uniprot:

P56856

Target:

CLDN18.2

Antibody Information

Background:

The protein 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]

Description:

Fluorescent Human CLDN18.2 Full Length Protein-VLP (EGFP)

Protein Family:

Transmembrane

Protein Pathways:

Cell adhesion molecules (CAMs), Leukocyte transendothelial migration, Tight junction

Synonyms:

Claudin 18.2

Storage:

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.

Usage:

Research use only

Form:

Supplied in 1xPBS (pH 7.4)

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