

# Human CD151 Full-Length Bioactive Membrane Protein

## HDFP052



### Product Information

**Product SKU:**

HDFP052

**Size:**

10µg

**Molecular Weight:**

The human full length CD151 protein has a MW of 28.3 kDa

**Expression System:**

HEK293

**Uniprot:**

P48509

**Target:**

CD151

### Antibody Information

**Background:**

The protein is a member of the transmembrane 4 superfamily, also known as the tetraspanin family. Most of these members are cell-surface proteins that are characterized by the presence of four hydrophobic domains. The proteins mediate signal transduction events that play a role in the regulation of cell development, activation, growth and motility. This encoded protein is a cell surface glycoprotein that is known to complex with integrins and other transmembrane 4 superfamily proteins. It is involved in cellular processes including cell adhesion and may regulate integrin trafficking and/or function. This protein enhances cell motility, invasion and metastasis of cancer cells. Multiple alternatively spliced transcript variants that encode the same protein have been described for this gene.

**Description:**

Human CD151 full length protein-synthetic nanodisc

**Protein Family:**

Druggable Genome, Transmembrane

**Synonyms:**

GP27; MER2; PETA-3; RAPH; SFA1; TSPAN24

**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:**

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 specific instructions.

Contact Details | Dublin, Ireland

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