

Human STEAP1 Full-Length Bioactive Membrane Protein

HDFP051



Product Information

Product SKU:

HDFP051

Size:

10µg

Molecular Weight:

The human full length STEAP1 protein has a MW of 39.9 kDa

Expression System:

HEK293

Uniprot:

Q9UHE8

Target:

STEAP1

Antibody Information

Background:

STEAP1 is a cell-surface biomolecule composed by six transmembrane domains connected by intra- and extracellular loops. It is commonly found overexpressed in several types of cancers, namely in PCa, and is preferentially located at the tight or gap junctions. However, in nontumoural tissues and vital organs, STEAP1 protein presents low or absent expression, unveiling considerable specificity for cancer environment. Taking into account STEAP1 predicted transmembrane topology and cellular localization, it has been hypothesized that STEAP1 may play an important role as a transporter protein and can be involved in intercellular communication.

Description:

Human STEAP1 full length protein-synthetic nanodisc

Protein Family:

Transmembrane

Synonyms:

PRSS24; STEAP

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.

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