

# Human STEAP2 Full-Length Bioactive Membrane Protein

## HDFP024



### Product Information

**Product SKU:**

HDFP024

**Size:**

10µg

**Molecular Weight:**

The human full length STEAP2 protein has a MW of 56.1 kDa

**Expression System:**

HEK293

**Uniprot:**

Q8NFT2

**Target:**

STEAP2

### Antibody Information

**Background:**

A member of the STEAP family and encodes a multi-pass membrane protein that localizes to the Golgi complex, the plasma membrane, and the vesicular tubular structures in the cytosol. A highly similar protein in mouse has both ferrireductase and cupric reductase activity, and stimulates the cellular uptake of both iron and copper in vitro. Increased transcriptional expression of the human gene is associated with prostate cancer progression. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.

**Description:**

Human STEAP2 full length protein-synthetic nanodisc

**Protein Family:**

Transmembrane

**Synonyms:**

IPCA1; PCANAP1; PUMPCn; STAMP1; STMP

**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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