

Active Recombinant Human STEAP2 Full Length Transmembrane protein(Nanodisc)

Cat. No. STEAP2-29478H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human STEAP2 Full Length Transmembrane protein(Q8NFT2), was expressed in HEK293.
Species	Human
Source	HEK293
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.
Bio-activity	Elisa plates were pre-coated with Flag Tag STEAP2-Nanodisc (0.2µg/per well). Serial diluted anti-Flag monoclonal antibody solutions were added, washed, and incubated with secondary antibody before Elisa reading. From above data, the EC50 for anti-Flag monoclonal antibody binding with STEAP2-Nanodisc is 9.198ng/ml.
Molecular Mass	The human full length STEAP2 protein has a MW of 56.1 kDa.
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.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

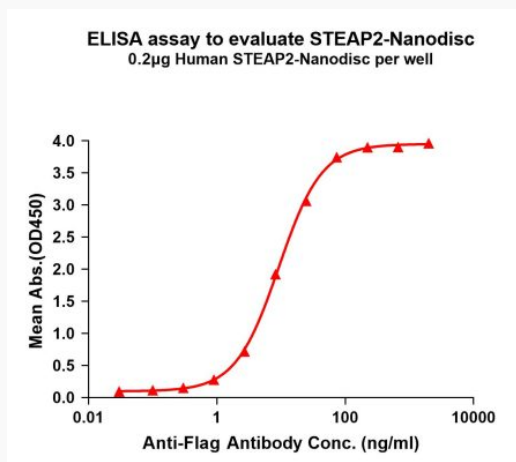
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Full Length	Full L.
GENE INFORMATION	
Gene Name	STEAP2 STEAP family member 2, metalloredutase [Homo sapiens]
Official Symbol	STEAP2
Synonyms	STEAP2; STEAP family member 2, metalloredutase; PCANAP1, prostate cancer associated protein 1 , six transmembrane epithelial antigen of the prostate 2; metalloredutase STEAP2; IPCA 1; STAMP1; STMP; prostate cancer associated protein 1; prostate cancer-associated protein 1; SixTransMembrane Protein of Prostate 1; protein upregulated in metastatic prostate cancer; protein up-regulated in metastatic prostate cancer; six transmembrane epithelial antigen of prostate 2; six-transmembrane epithelial antigen of prostate 2; six transmembrane epithelial antigen of the prostate 2; IPCA1; PUMPCn; PCANAP1;
Gene ID	261729
mRNA Refseq	NM_001040665
Protein Refseq	NP_001035755
MIM	605094
UniProt ID	Q8NFT2

Activity



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