

Active Recombinant Human STEAP1 Full Length Transmembrane Protein, His-tagged

Cat. No. STEAP1-574H Lot. No. (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human STEAP1 Full Length Protein(Q9UHE8-1)(2-339 aa), fused with N-terminal Twin-Strep tag and C-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	2-339 aa
Form	Supplied as 0.2 µm filtered solution in 50 mM HEPES, 150 mM NaCl, Buffer A, pH7.5 with glycerol as protectant.
Bio-activity	Immobilized Human STEAP1 Full Length Protein, Twin-Strep, His Tag at 2 µg/mL (100 µL/well) can bind Vandortuzumab biosimilar with a linear range of 4-63 ng/mL.
Molecular Mass	The protein has a calculated MW of 44.7 kDa.
Endotoxin	Less than 1.0 EU per µg by the LAL method / rFC method.
Purity	>85% as determined by SDS-PAGE.
Storage	Please avoid repeated freeze-thaw cycles. This product is stable after storage at: The product MUST be stored at -70°C or lower upon receipt; -70°C for 3 months under

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sterile conditions.

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.

GENE INFORMATION

Gene Name [STEAP1 six transmembrane epithelial antigen of the prostate 1 \[Homo sapiens \]](#)

Official Symbol [STEAP1](#)

Synonyms STEAP1; six transmembrane epithelial antigen of the prostate 1; six transmembrane epithelial antigen of the prostate , STEAP; metalloredutcase STEAP1; PRSS24; six-transmembrane epithelial antigen of prostate 1; STEAP; MGC19484;

Gene ID [26872](#)

mRNA Refseq [NM_012449](#)

Protein Refseq [NP_036581](#)

MIM [604415](#)

UniProt ID [Q9UHE8](#)

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