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

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	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; metalloreductase 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

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA