

Recombinant Human STEAP1 protein, His-tagged

Cat. No. STEAP1-3000H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human STEAP1 protein(1-80 aa), fused with His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-80 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	MESRKDITNQEELWKMKPRRNLEEDDYLHKDTGETSMLKRPVLLHLHQTAHADEFD CPSELQHTQELFPQWHLPIKIAAI
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. Reconstitution with 200 µl 50% glycerol solution is recommended for longer term

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storage.

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; metalloredutase 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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