

Recombinant Human STEAP1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. STEAP1-3928H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	STEAP1 MS Standard C13 and N15-labeled recombinant protein (NP_036581) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene is predominantly expressed in prostate tissue, and is found to be upregulated in multiple cancer cell lines. The gene product is predicted to be a six-transmembrane protein, and was shown to be a cell surface antigen significantly expressed at cell-cell junctions.
Molecular Mass	39.9 kDa
AA Sequence	MESRKDITNQEELWKMKPRRNLEEDDYLHKDTGETSMLKRPVLLHLHQTAAHAEFD CPSELQHTQELFPQWHLPIKIAAIIASLTFLYTLREVIHPLATSHQQYFYKIPILVINKVL PMVSITLLALVYLPGVIAAIVQLHNGTKYKKFPHWLDKWMLTRKQFGLLSFFFVAVLHAI YLSYPMRRSYRYKLLNWAYQQVQQNKEDAWIEHDVWRMEIYVSLGIVGLAILALLA VTSIPSVSDSLTWREFHYIQSKLGIVSLLLGTIHALIFAWNKWIDIKQFVWYTPPTFMIA VFLPIVVLIFKSILFLPCLRKKILKIRHGWEDVTINKTEICSQLTRTRPLEQKLISEEDLA ANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

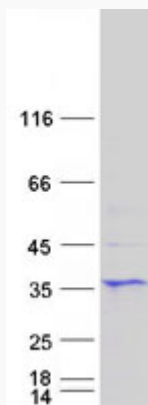
GENE INFORMATION

Gene Name	STEAP1 six transmembrane epithelial antigen of the prostate 1 [Homo sapiens (human)]
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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SDS-PAGE

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