

# Recombinant Human STEAP1 Full Length Transmembrane protein, His-SUMO-tagged

**Cat. No.** STEAP1-2472H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                       |
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| <b>Product Overview</b> | Recombinant Human STEAP1 protein(Q9UHE8)(1-339aa), fused to N-terminal His-SUMO tag, was expressed in E. coli.                                                                                                                                                                                                                                                        |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                |
| <b>ProteinLength</b>    | 1-339aa                                                                                                                                                                                                                                                                                                                                                               |
| <b>Form</b>             | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.<br>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.                                                                                                                                 |
| <b>Molecular Mass</b>   | 58.4kDa                                                                                                                                                                                                                                                                                                                                                               |
| <b>AA Sequence</b>      | MESRKDITNQEELWKMKPRRNLEEDDYLHKDTGETSMLKRPVLLHLHQTAAHADEFD<br>CPSELQHTQELFPQWHLPIKIAAIIASLTFLYTLLREVIHPLATSHQQYFYKIPILVINKVL<br>PMVSITLLALVYLPGVIAAIVQLHNGTKYKKFPHWLDKWMLTRKQFGLLSFFFAVLHAI<br>YLSYPMRRSYRYKLLNWAYQQVQQNKEDAWIEHDVWRMEIYVSLGIVGLAILALLA<br>VTSIPSVSDSLTWREFHYIQSKLGIVSLLLGTIHALIFAWNKWIDIKQFVWYTPPTFMIA<br>VFLPIVVLIFKSILFLPCLRKKILKIRHWEDVTINKTEICSQL |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                                           |

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|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Storage</b>        | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                                                |
| <b>Reconstitution</b> | Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. |

## GENE INFORMATION

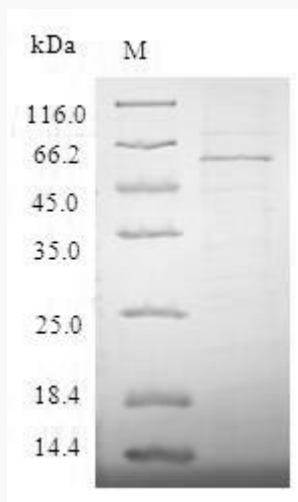
|                        |                                                                                                                                                                                                                                    |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | STEAP1 six transmembrane epithelial antigen of the prostate 1 [ Homo sapiens ]                                                                                                                                                     |
| <b>Official Symbol</b> | STEAP1                                                                                                                                                                                                                             |
| <b>Synonyms</b>        | 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; |
| <b>Gene ID</b>         | 26872                                                                                                                                                                                                                              |
| <b>mRNA Refseq</b>     | NM_012449                                                                                                                                                                                                                          |
| <b>Protein Refseq</b>  | NP_036581                                                                                                                                                                                                                          |
| <b>MIM</b>             | 604415                                                                                                                                                                                                                             |
| <b>UniProt ID</b>      | Q9UHE8                                                                                                                                                                                                                             |

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SDS-PAGE



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