

PRODUCT INFORMATION

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|------------------------------|---|
| Target | STEAP1 |
| Synonyms | STEAP; PRSS24 |
| Description | Recombinant human STEAP1 Protein with N-terminal human Fc tag |
| Delivery | In Stock |
| Uniprot ID | Q9UHE8 |
| Expression Host | HEK293 |
| Tag | N-Human Fc tag |
| Molecular Characterization | hFc(Glu99-Ala330) STEAP1(Arg185-Glu217) |
| Molecular Weight | The protein has a predicted molecular mass of 32.8 kDa after removal of the signal peptide. The apparent molecular mass of hFc-STEAP1 is approximately 25-55 kDa due to glycosylation. |
| Purity | The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining. |
| Formulation & Reconstitution | Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution. |
| Storage & Shipping | Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature. |
| Background | 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. [provided by RefSeq, Jul 2008] |
| Usage | Research use only |
| Conjugate | Unconjugated |



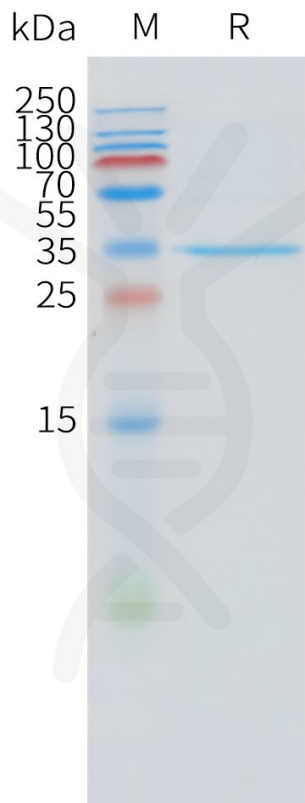


Figure 1. Human STEAP1 Protein, hFc Tag on SDS-PAGE under reducing condition.

