

PRODUCT INFORMATION

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| Target | KISS1R |
| Synonyms | HH8; CPPB1; GPR54; AXOR12; KISS-1R; HOT7T175 |
| Description | Recombinant human KISS1R Protein with C-terminal human Fc tag |
| Delivery | In Stock |
| Uniprot ID | Q969F8 |
| Expression Host | HEK293 |
| Tag | C-Human Fc tag |
| Molecular Characterization | KISS1R(Met1-Ala42) hFc(Glu99-Ala330) |
| Molecular Weight | The protein has a predicted molecular mass of 30.0 kDa after removal of the signal peptide. |
| 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. |
| Sterility | Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 µm) prior to use. |
| Background | The protein encoded by this gene is a galanin-like G protein-coupled receptor that binds metastin, a peptide encoded by the metastasis suppressor gene KISS1. The tissue distribution of the expressed gene suggests that it is involved in the regulation of endocrine function, and this is supported by the finding that this gene appears to play a role in the onset of puberty. Mutations in this gene have been associated with hypogonadotropic hypogonadism and central precocious puberty. [provided by RefSeq, Jul 2008] |
| Usage | Research use only |
| Conjugate | Unconjugated |



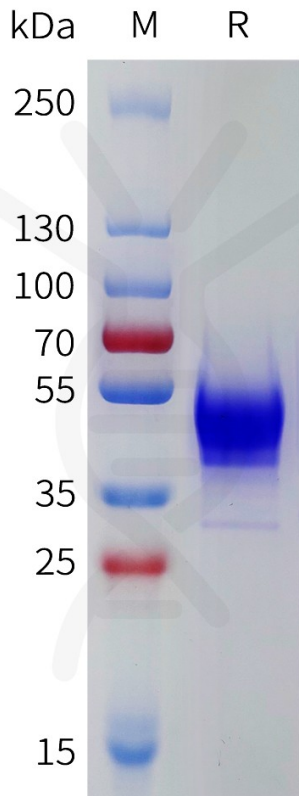


Figure 1. Human KISS1R Protein, hFc Tag on SDS-PAGE under reducing condition.

