

PRODUCT INFORMATION

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| Target | PTGER2 |
| Synonyms | EP2 |
| Description | Recombinant Human PTGER2 Protein with C-terminal human Fc tag |
| Delivery | In Stock |
| Uniprot ID | P43116 |
| Expression Host | HEK293 |
| Tag | C-Human Fc Tag |
| Molecular Characterization | PTGER2(Met1-Glu23) hFc(Glu99-Ala330) |
| Molecular Weight | The protein has a predicted molecular mass of 28.7 kDa after removal of the signal peptide. The apparent molecular mass of PTGER2-hFc is approximately 35-55 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. |
| Sterility | Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 µm) prior to use. |
| Background | This gene encodes a receptor for prostaglandin E2, a metabolite of arachidonic acid which has different biologic activities in a wide range of tissues. Mutations in this gene are associated with aspirin-induced susceptibility to asthma. [provided by RefSeq, Oct 2009] |
| Usage | Research use only |
| Conjugate | Unconjugated |



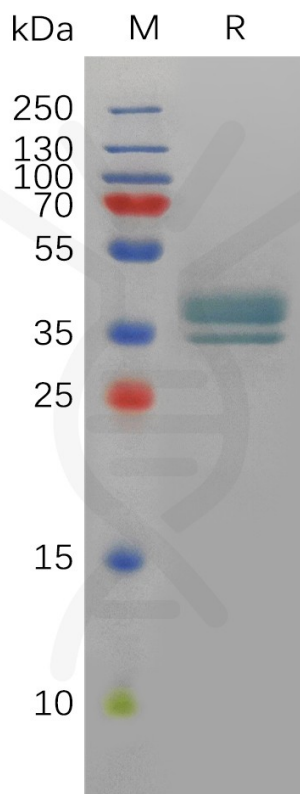


Figure 1. Human PTGER2 Protein, hFc Tag on SDS-PAGE under reducing condition.

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