

PRODUCT INFORMATION

Target PTGER3

EP3; EP3e; EP3-I; EP3-II; EP3-IV; EP3-VI; PGE2-R; **Synonyms**

EP3-III; Inc003875

Recombinant human PTGER3 Protein with C-**Description**

terminal human Fc tag

Delivery In Stock P43115 **Uniprot ID Expression Host** HFK293

Tag C-Human Fc tag

Molecular

PTGER3(Met1-Ala53) hFc(Glu99-Ala330) Characterization

The protein has a predicted molecular mass of **Molecular Weight** 31.8 kDa after removal of the signal peptide.

The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue **Purity**

Lyophilized from sterile PBS, pH 7.4. Normally 5 % Formulation & - 8% trehalose is added as protectants before Reconstitution lyophilization. Please see Certificate of Analysis

for specific instructions of reconstitution. 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

Storage & Shipping at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

The protein encoded by this gene is a member of the G-protein coupled receptor family. This protein is one of four receptors identified for prostaglandin E2 (PGE2). This receptor may have

many biological functions, which involve digestion, nervous system, kidney reabsorption, and uterine contraction activities. Studies of the mouse counterpart suggest that this receptor Background may also mediate adrenocorticotropic hormone response as well as fever generation in response to exogenous and endogenous stimuli. Multiple

transcript variants encoding different isoforms have been found for this gene. [provided by

RefSeq, Aug 2009]

Research use only Usage

Conjugate Unconjugated





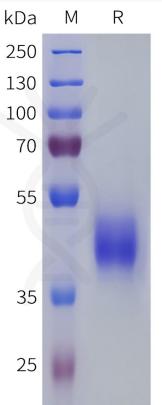


Figure 1. Human PTGER3 Protein, hFc Tag on SDS-PAGE under reducing condition.



