PRODUCT INFORMATION

Target	PTGER3
Synonyms	EP3; EP3e; EP3-I; EP3-II; EP3-IV; EP3-VI; PGE2-R; EP3-III; lnc003875
Description	Recombinant human PTGER3 Protein with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	P43115
Expression Host	HEK293
Tag	C-Human Fc tag
Molecular Characterization	PTGER3(Met1-Ala53) hFc(Glu99-Ala330)
Molecular Weight	The protein has a predicted molecular mass of 31.8 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.
Background	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 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]
Usage	Research use only
Conjugate	Unconjugated

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Human PTGER3 Protein, hFc Tag

Cat. No. PME101807

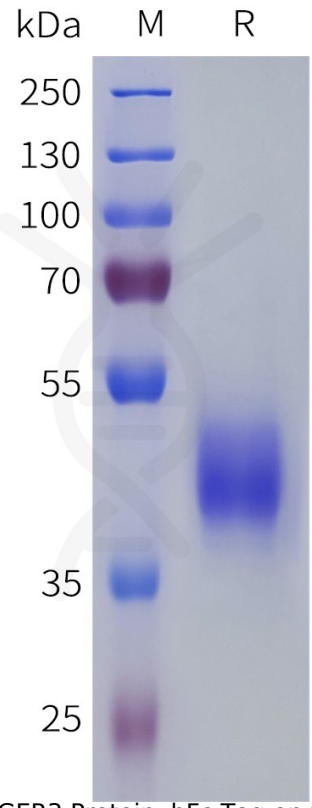


Figure 1. Human PTGER3 Protein, hFc Tag on SDS-PAGE under reducing condition.

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