

Recombinant Human PTGER2 Protein, His-tagged

Cat. No. PTGER2-298H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PTGER2(Ala155~Gln355) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Ala155~Gln355
Description	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.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	26.5kDa
Identity	Reconstitute in PBS or others
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein

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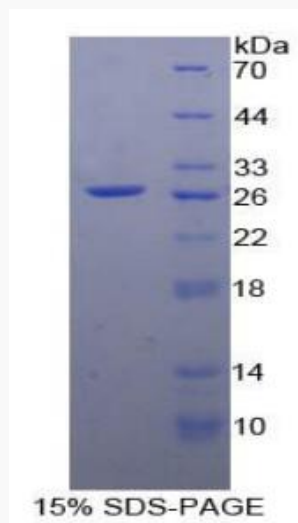
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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in PBS or others
GENE INFORMATION	
Gene Name	PTGER2 prostaglandin E receptor 2 (subtype EP2), 53kDa [Homo sapiens]
Official Symbol	PTGER2
Synonyms	PTGER2; prostaglandin E receptor 2 (subtype EP2), 53kDa; prostaglandin E receptor 2 (subtype EP2), 53kD; prostaglandin E2 receptor EP2 subtype; EP2; prostanoid EP2 receptor; PGE receptor EP2 subtype; PGE2 receptor EP2 subtype;
Gene ID	5732
mRNA Refseq	NM_000956
Protein Refseq	NP_000947
MIM	176804
UniProt ID	P43116

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