

Recombinant Human PTGER2 Protein, His tagged

Cat. No. PTGER2-10H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of Human prostaglandin E receptor 2 (subtype EP2), 53kDa (PTGER2), Met1-Tyr111, with N-terminal His tag, expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-111 aa
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.
Molecular Mass	11.8 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Notes	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage	Store at -80 centigrade. Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Concentration	> 0.05 µg/µL as determined by microplate BCA method

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Shipping Dry Ice

Storage Buffer 50 mM Tris-HCl, pH 8.0, 8 M urea

GENE INFORMATION

Gene Name PTGER2 prostaglandin E receptor 2 (subtype EP2), 53kDa [Homo sapiens (human)]

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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SDS-PAGE

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