

Recombinant Human PTGER4 protein, His-tagged

Cat. No. PTGER4-3628H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PTGER4 protein(333-488 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	333-488 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AASequence	RKTVLSKAIEKIKCLFCRIGGSRRLRSGQHCSQSRTSSAMSGHSRFSISRELKEISS TSQTLLPDLSPDLSENGLGGRNLLPGVPGMGLAQEDTTSLRTLRISETSDSSQGQD SESVLLVDEAGGSGRAGPAPKGSSLQVTFPSETLNLSEKCI
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal

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volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name	PTGER4 prostaglandin E receptor 4 (subtype EP4) [Homo sapiens]
Official Symbol	PTGER4
Synonyms	PTGER4; prostaglandin E receptor 4 (subtype EP4); prostaglandin E2 receptor EP4 subtype; EP4; prostanoid EP4 receptor; PGE receptor EP4 subtype; PGE receptor, EP4 subtype; PGE2 receptor EP4 subtype; EP4R; MGC126583;
Gene ID	5734
mRNA Refseq	NM_000958
Protein Refseq	NP_000949
MIM	601586
UniProt ID	P35408

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