

Recombinant Full Length Human PTGR2 Protein, C-Flag-tagged

Cat. No. PTGR2-1260HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human PTGR2 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	This gene encodes an enzyme involved in the metabolism of prostaglandins. The encoded protein catalyzes the NADPH-dependent conversion of 15-keto-prostaglandin E 2 to 15-keto-13,14-dihydro-prostaglandin E2. This protein may also be involved in regulating activation of the peroxisome proliferator-activated receptor. Alternative splicing results in multiple transcript variants.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	38.3 kDa
AA Sequence	MIVQRVVLNSRPGKNGNPVAENFRMEEVYLPDNINEGQVQVVRTLYLSVDPYMR CR MNEDTGTDYITPWQL SQVVDGGGIGIIEESKHTNLTKGDFVTSFYWPWQTKVILDG NSLEKVDPQLVDGHLSTYFLGAIGMPGLTS LIGIQEKGHITAGSNKTMVVSGAAGACG SVAGQIGHFLGCSRVGICGTHEKCILLTSELGFDAAINYKK DNVAEQLRESCPAGV DVYFDNVGGNISDTVISQMNENSHILCGQISQYNKDVYPPLSPAIEAIQKER NITR ERFLVLNYKDKFEPGILQLSQWFKEGKLKIKETVINGLENMGAAFQSMMTGGNIGKQ IVCISEEIS

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	LTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome
Full Length	Full L.

GENE INFORMATION

Gene Name	PTGR2 prostaglandin reductase 2 [Homo sapiens (human)]
Official Symbol	PTGR2
Synonyms	PGR2; ZADH1; HEL-S-298
Gene ID	145482
mRNA Refseq	NM_152444.4
Protein Refseq	NP_689657.1

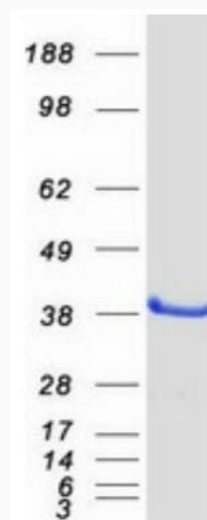
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MIM 608642

UniProt ID Q8N8N7



Coomassie blue staining of purified PTGR2 protein.

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