

Product datasheet for **TP309182L**

ZADH1 (PTGR2) (NM_152444) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human prostaglandin reductase 2 (PTGR2), 1 mg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC209182 protein sequence
Red=Cloning site Green=Tags(s)

MIVQRVVLNSRPGKNGNPVAENFRMEEVYLPDNINEGQVQVRTLYLSVDPYMRCRMNEDTGTDYITPWQL
SQVDGGGIGIIEESKHTNLTKGDFVTSFYWPWQTKVILDGNSLEKVDPLVDGHLISYFLGAIGMPGLTS
LIGIQEKGHITAGSNKTMVVSAGAAGACGSVAGQIGHFLGCSRVGICGTHEKCILLTSELGFDAAINYKK
DNVAEQLRESCPAGVDVYFDNVGGNISDTVISQMNENSHIILCGQISQYNKDVYPPLSPAIEAIQKER
NITRERFLVLNYKDKFEPGILQLSQWFKEGKLIKETVINGLENMGAAFQSMMTGGNIGKQIVCISEEIS
L

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 38.3 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: 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°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_689657](#)

Locus ID: 145482



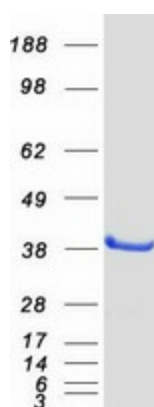
[View online »](#)

UniProt ID: [Q8N8N7, V9HW32](#)
RefSeq Size: 2610
Cytogenetics: 14q24.3
RefSeq ORF: 1053
Synonyms: HEL-S-298; PGR2; ZADH1

Summary: This gene encodes an enzyme involved in the metabolism of prostaglandins. The encoded protein catalyzes the NADPH-dependent conversion of 15-keto-prostaglandin E2 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. [provided by RefSeq, Apr 2009]

Protein Families: Druggable Genome

Product images:



Coomassie blue staining of purified PTGR2 protein (Cat# [TP309182]). The protein was produced from HEK293T cells transfected with PTGR2 cDNA clone (Cat# [RC209182]) using MegaTran 2.0 (Cat# [TT210002]).