

## Product datasheet for **TP328838L**

### ZADH1 (PTGR2) (NM\_001146154) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human prostaglandin reductase 2 (PTGR2), transcript variant 2, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC228838 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MIVQRVVLNSRPGKNGNPVAENFRMEEVYLPDNINEGQVQVRTLYLSVDPYMRCRMNEDTGTDYITPWQL  
SQVDGGGIGIIEESKHTNLTKGDFVTSFYWPWQTKVILDGNSLEKVDLPQLVDGHLSTYFLGAIGMPGLTS  
LIGIQEKGHITAGSNKTMVVSAGAAGACGSVAGQIGHFLGCSRVVGICGTHEKCILLTSELGFDAAINYKK  
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:	NULL or Add: Recombinant proteins 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:	<a href="#">NP_001139626</a>
Locus ID:	145482



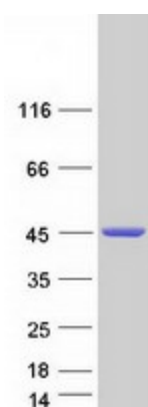
[View online »](#)

UniProt ID: [Q8N8N7, V9HW32](#)  
RefSeq Size: 2520  
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# [TP328838]). The protein was produced from HEK293T cells transfected with PTGR2 cDNA clone (Cat# [RC228838]) using MegaTran 2.0 (Cat# [TT210002]).