

Product datasheet for PH309182

ZADH1 (PTGR2) (NM_152444) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	PTGR2 MS Standard C13 and N15-labeled recombinant protein (NP_689657)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC209182
Predicted MW:	38.5 kDa
Protein Sequence:	>RC209182 protein sequence Red=Cloning site Green=Tags(s)
	<p>MIVQRVVLNSRPGKNGNPVAENFRMEEVYLPDNI NEGQVQVRTL YLSVDPYMRMCRMNEDTGTDYITPWQL SQVVDGGGIGIIEESKHTNLTKGDFVTSFYWPWQTKVILDGNSLEKVDPQLVDGHL SYFLGAIGMPGLTS LIGIQEKGHITAGSNKTMVVSAGACGSVAGQIGHFLGCSRVGICGTHEKCILLTSELGFDAAINYKK DNVAEQLRESCPAGVDVYFDNVGGNISDTVISQMNENSHIILCGQISQYNKDVPYPPPLSPAIEAIQKER NITRERFLVLYKDKFEPGILQLSQWFKEGKLIKETVINGLENMGAAFQSMGTGGNIGKQIVCISEEIS L</p> <p>TRTRPLEQKLI SEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_689657</u>
RefSeq Size:	2610
RefSeq ORF:	1053
Synonyms:	HEL-S-298; PGR2; ZADH1
Locus ID:	145482



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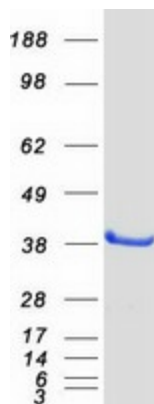
UniProt ID: [Q8N8N7](#), [V9HW32](#)

Cytogenetics: 14q24.3

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]).