

Product datasheet for PH309971

ZADH2 (NM_175907) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	ZADH2 MS Standard C13 and N15-labeled recombinant protein (NP_787103)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC209971
Predicted MW:	40.1 kDa
Protein Sequence:	>RC209971 protein sequence Red=Cloning site Green=Tags(s)
	MLRLVPTGARAIVDMSYARHFLDFQGS AIPQAMQKLVVTRLSPNFREAVTL SRDCPVPLPGDGDLLVRNR FVGVNASDINYSAGRYDPSVKPPFDIGFEGIGEVVALGLSASARYTVGQAVAYMAPGSFAEYTVVPASIA TPVPSVKPEYLTLLVSGTTAYISLKELGGLSEGKKVLVTAAGGTGQFAMQLSKKAKCHVIGTCCSDEKS AFLKSLGCDRPI NYKTEPVGTVLKQEYPEGVDVYVESVGGAMFDLAVDALATKGRLIVIGFISGYQTPTG LSPVKAGTLPKLLKKSASVQGFFLNHYLSKYQAAMSHLLEMCVSGDLVCEVDLGDLSPEGRFTGLESIF RAVNYMYMGKNTGKIVVELPHSVNSKL
	TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
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:	NP_787103
RefSeq Size:	5495
RefSeq ORF:	1131
Synonyms:	PRG-3
Locus ID:	284273



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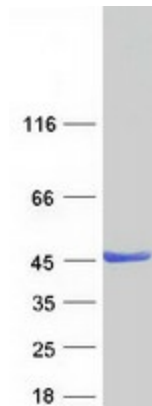
UniProt ID: [Q8N4Q0](#), [Q4G1C4](#)

Cytogenetics: 18q22.3

Summary: Functions as 15-oxo-prostaglandin 13-reductase and acts on 15-keto-PGE1, 15-keto-PGE2, 15-keto-PGE1-alpha and 15-keto-PGE2-alpha with highest efficiency towards 15-keto-PGE2-alpha. Overexpression represses transcriptional activity of PPARG and inhibits adipocyte differentiation.[UniProtKB/Swiss-Prot Function]

Protein Families: Druggable Genome

Product images:



Coomassie blue staining of purified ZADH2 protein (Cat# [TP309971]). The protein was produced from HEK293T cells transfected with ZADH2 cDNA clone (Cat# [RC209971]) using MegaTran 2.0 (Cat# [TT210002]).