

Product datasheet for **TP309971M**

ZADH2 (NM_175907) Human Recombinant Protein

Product data:

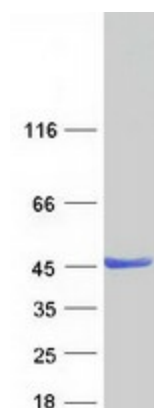
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human zinc binding alcohol dehydrogenase domain containing 2 (ZADH2), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC209971 protein sequence Red =Cloning site Green =Tags(s)
	MLRLVPTGARAIVDMSYARHFLDFQGSAIPQAMQKLVVTRLSPNFREAVTLSRDCPVPLPGDGDLLVRNR FVGVNASDINYSAGRYDPSVKPPFDIGFEGIGEVVALGLSASARYTVGQAVAYMAPGSFAEYTVVPASIA TPVPSVKPEYLTLVSGTTAYISLKEGGLSEGKVLVTAAGGTGQFAMQLSKKAKCHVIGTCSSDEKS AFLKSLGCDRPINYKTEPVGTVLKQEYPEGVDVWYVESVGGAMFDLAVDALATKGR LIVIGFISGYQTPTG LSPVKAGTLPKLLKKSASVQGFFLNHYLSKYQAAMSHLLEMVSGDLVCEVDLGDLSPEGRFTGLESIF RAVNYMYMGKNTGKIVVELPHSVNSKL
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	40 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:	<u>NP_787103</u>



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Locus ID:	284273
UniProt ID:	Q8N4Q0 , Q4G1C4
RefSeq Size:	5495
Cytogenetics:	18q22.3
RefSeq ORF:	1131
Synonyms:	PRG-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]).