

# Recombinant human ZADH2 protein

Catalog Number: ATGP2852

## PRODUCT INFORMATION

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### Expression system

E.coli

### Domain

33-377aa

### UniProt No.

Q8N4Q0

### NCBI Accession No.

NP\_787103

### Alternative Names

Zinc-binding alcohol dehydrogenase domain-containing protein 2, MGC45594

## PRODUCT SPECIFICATION

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### Molecular Weight

39kDa (368aa) confirmed by MALDI-TOF

### Concentration

0.25mg/ml (determined by Bradford assay)

### Formulation

Liquid in. Phosphate-Buffered Saline (pH 7.4) containing 20% glycerol

### Purity

> 90% by SDS-PAGE

### Tag

His-Tag

### Application

SDS-PAGE

### Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

## BACKGROUND

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### Description

ZADH2 belongs to the zinc-containing alcohol dehydrogenase family. Recombinant human ZADH2 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

### Amino acid Sequence

<MGSSHHHHHH SSGLVPRGSH MGS>MQKLVVT RLSPNFREAV TLSRDCPVPL PGDGDLLVRN RFVGVNASDI  
NYSAGRYDPS VKPPFDIGFE GIGEVVALGL SASARYTVGQ AVAYMAPGSF AEYTVVPASI ATPVPSVKPE YLTLLVSGTT  
AYISLKEKELGG LSEGKKVLVT AAAGGTGQFA MQLSKKAKCH VIGTCCSDEK SAFLKS LGCD RPINYKTEPV GTVLKQEYPE

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GVDVYVESVG GAMFDLAVDA LATKGRLLVI GFISGYQTPT GLSPVKAGTL PAKLLKKSAS VQGFFLNHYL SKYQAAMSHL  
LEMCVSGDLV CEVDLGDLSPEGRFTGLESI FRAVNYMYMG KNTGKIVVEL PHSVNSKL

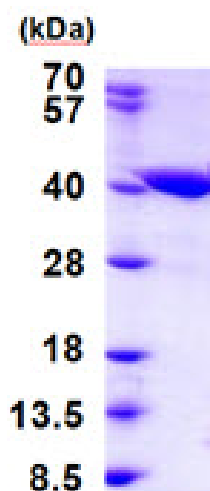
## General References

Burkard T.R., et al. (2011) BMC Syst. Biol. 5:17-17

## DATA

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### SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3ug)