

Recombinant Human zinc binding alcohol dehydrogenase domain containing 2, His-tagged

Cat. No. ZADH2-629H **Lot. No.** (See product label)

SPECIFICATION

Product Overview ZADH2, 33-377aa, Human, His tag, E.coli

Species Human

Source E.coli

ProteinLength 33-377 a.a.

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.

Form Liquid. In Phosphate Buffered Saline (pH 7.4) containing 20% glycerol

Molecular Mass 39.0kDa (368aa) confirmed by MALDI-TOF

AA Sequence

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MGSSHHHHHH SGLVPRGSH MGSMQKLVVT RLSPNFREAV TLRDCPVPL
PGDGDLLVRN RFVGVNASDI NYSAGRYDPS VKPPFDIGFE GIGEVVALGL
SASARYTVGQ AVAYMAPGSF AEYTVVPASI ATPVPSVKPE YLTLLVSGTT
AYISLKELGG LSEGKKVLVT AAAGGTGQFA MQLSKKAKCH VIGTCSSDEK
SAFLKSLGCD RPINYKTEPV GTVLKQEYPE GVDVYVESVG GAMFDLAVDA
LATKGRLLVI GFISGYQTPT GLSPVKAGTL PAKLLKKSAS VQGFFLNHYL
SKYQAAMSHL LEMCVSGDLV CEVDLGDLSPEGRFTGLESI FRAVNYMYMG
KNTGKIVVEL PHSVNSKL

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Purity	>90% by SDS - PAGE
Storage	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.
Concentration	0.25 mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name	ZADH2 zinc binding alcohol dehydrogenase domain containing 2 [Homo sapiens]
Official Symbol	ZADH2
Synonyms	ZADH2; zinc binding alcohol dehydrogenase domain containing 2; zinc-binding alcohol dehydrogenase domain-containing protein 2; MGC45594;
Gene ID	284273
mRNA Refseq	NM_175907
Protein Refseq	NP_787103
UniProt ID	Q8N4Q0
Chromosome Location	18q22.3
Function	nucleotide binding; oxidoreductase activity; zinc ion binding;

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