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	MGSSHHHHHH SSGLVPRGSH MGSMQKLVVT RLSPNFREAV TLSRDCPVPL PGDGDLLVRN RFVGVNASDI NYSAGRYDPS VKPPFDIGFE GIGEVVALGL SASARYTVGQ AVAYMAPGSF AEYTVVPASI ATPVPSVKPE YLTLLVSGTT AYISLKELGG LSEGKKVLVT AAAGGTGQFA MQLSKKAKCH VIGTCSSDEK SAFLKSLGCD RPINYKTEPV GTVLKQEYPE GVDVVYESVG GAMFDLAVDA LATKGRLIVI GFISGYQTPT GLSPVKAGTL PAKLLKKSAS VQGFFLNHYL SKYQAAMSHL LEMCVSGDLV CEVDLGDLSP EGRFTGLESI 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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