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## Product Data Sheet

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Product Name: ZADH2 Human  
 Cat. No.: GP25038  
 Batch No.: 1

### Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Zinc Binding Alcohol Dehydrogenase Domain Containing 2; ZADH2; Zinc-binding alcohol dehydrogenase domain-containing protein 2.		
Amino Acid Sequence	<p>MGSSHHHHHH SGLVPRGSH MGSMQKLVVT RLSPNFREAV TLSRDCPVPL          PGDGDLLVRN RFVGVNASDI NYSAGRYDPS VKPPFDIGFE GIGEVVALGL          SASARYTVGQ AVAYMAPGSF AEYTVVPASI ATPVPSVKPE YLTLVSGTT          AYISLKEGGL LSEGKKVLVT AAAGGTGQFA MQLSKKAKCH VIGTCSSDEK          SAFLKSLGCD RPINYKTEPV GTVLKQEYPE GVDVYESVG GAMFDLAVDA          LATKGRLLVI GFISGYQTPT GLSPVKAGTL PAKLLKKSAS VQGFFLNHYL          SKYQAAMSHL LEMCVSGDLV CEVDLGDLSPEGRFTGLESIFRAVNYMYMG          KNTGKIVVEL PHSVNSKL.</p>		
Formulation	The ZADH2 solution (0.25mg/1ml) contains Phosphate buffer saline (pH 7.4) and 20% glycerol.		

### Introduction

ZincBinding Alcohol Dehydrogenase Domain Containing 2, also known as ZADH2, is a protein coding gene which is a part of the zinc-containing alcoholdehydrogenase family.

### Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

### Background

ZADH2 Human Recombinant produced in E. coli is a single polypeptide chain containing 368 amino acids (33-377) and having a molecular mass of 39kDa. ZADH2 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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