

Zinc Binding Alcohol Dehydrogenase Domain Containing 2 Human Re-

Item Number	rAP-4229
Synonyms	Zinc Binding Alcohol Dehydrogenase Domain Containing 2, ZADH2, Zinc-binding alcohol dehydrogenase domain-containing protein 2.
Description	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.
Uniprot Accession Number	Q8N4Q0
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMQKLVVT RLSPNFREAV TLSRDCPVPL PGDGDLLVRN RFVGV-NASDI NYSAGRYDPS VKPPFDIGFE GIGEVVALGL SASARYTVGQ AVAYMAPGSF AEYTVVPASI ATPVPSVKPE YLTLVSGTT AYISLKEG LSEGKVLVT AAAGGTGQFA MQLSKKAKCH VIGTCS-SDEK SAFLKSLGCD RPINYKTEPV GTVLKQEYPE GVDVYVESVG GAMFDLAVDA LATKGRLIVI GFIS-GYQTPT GLSPVKAGTL PAKLLKKSAS VQGFFLNHYL SKYQAAMSHL LEMCVSGDLV CEVDLGDLSPEGRFTGLESI FRAVNYMYMG KNTGKIVVEL PHSVNSKL.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear solution. 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.
Formulation and Purity	The ZADH2 solution (0.25mg/1ml) contains Phosphate buffer saline (pH 7.4) and 20% glycerol. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**