

Recombinant Mouse ADH7 Protein (1-374 aa), His-SUMO-tagged

Cat. No. ADH7-1927M **Lot. No.** (See product label)

SPECIFICATION

Product Overview Recombinant Mouse ADH7 Protein (1-374 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Research Area: Metabolism. Protein Description: Full Length.

Species Mouse

Source E.coli

ProteinLength 1-374 aa

Description Could function in retinol oxidation for the synthesis of retinoic acid, a hormone important for cellular differentiation.

Form Tris-based buffer,50% glycerol

Molecular Mass 55.9 kDa

AA Sequence

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MGTAGKVIKCKAAVLWGVNQPFSEIEVAPPKAKEVRVKILATGICRTDDHIIKGS MV
SKFPVIVGHEAVGVVESVGEGVTTVRPGDKVIPLFLPQCRCNACLNPEGNLCIRSD
LTGRGVLADGTTTRFTCKGKPVQHFMNTSTFTEYTVLDESSVAKVDGAAPPEKACLIG
CGFSTGYGAAVKTAKVTPGSTCVVFLGGVGLSVIMGCKAAGASRIIGIDINKDKFQK
ALAVGATECISPDKSTKPISEVLSDMTGNTIQYTFEVIQRLETMVDALSSCHMNYGTS
VVVGAPPSAKMLTYDPMLLFTGRTWKGCVF GGWKS RDDV PKLVTEFLEKKFDLDQ
LITHLTPFNNINEGFELLYSGKSIRTVLTF
    
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Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with reconstitution instruction is sent along with the products.

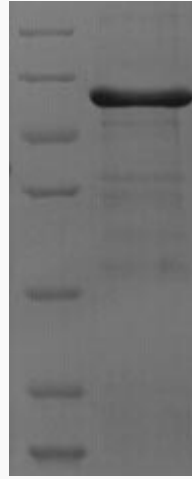
GENE INFORMATION

Gene Name	<i>Adh7</i> alcohol dehydrogenase 7 (class IV), mu or sigma polypeptide [<i>Mus musculus</i>]
Official Symbol	ADH7
Synonyms	ADH7; ADH-C2; IV ADH; Adh3; Adh4; Adh-3; Adt-1; Adh-3e; Adh-3t; Adh3-e; Adh3-t; AI325182;
Gene ID	11529
mRNA Refseq	NM_009626
Protein Refseq	NP_033756
UniProt ID	Q64437

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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