

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	MGTAGKVIKCKAAVLWGVNQPFSEIEVAPPKAKEVRVKILATGICRTDDHIIKGSMV SKFPVIVGHEAVGVVESVGEGVTTVRPGDKVIPLFLPQCRCNACLNPEGNLCIRSD LTGRGVLADGTTTRFTCKGKPVQHFMTSTFTYEYTVLDESSVAKVDGAAPPEKACLIG CGFSTGYGAAVKTAKVTPGSTCVVFLGGVGLSVIMGCKAAGASRIIGIDINKDKFQK ALAVGATECISPKDSTKPISEVLSDMTGNTIQYTFEIVGRLETMVDALSSCHMNYGTS VVVGAPPSAKMLTYDPMLLFTGRTWKGCVFGGWKSRRDDVPKLVTEFLEKKFDLDQ LHTHTLPFNNINEGFELLYSGKSIRTVLTF

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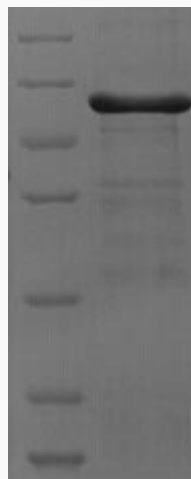
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Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage 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	Adh7 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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