

Recombinant Human ADH7 protein, His-tagged

Cat. No. ADH7-9421H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human ADH7 protein(253-349 aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	253-349 aa
Tag	N-His
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ ,17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage.

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AA Sequence ISPKDSTKPISEVLSEMTGNNVGYTTFEIGHLETMIDALASCHMNYGTSVVVGVPPSA
 KMLTYDPMLLFTGRTWKGCVFGGLKSRDDVPKLVTEFLA

GENE INFORMATION

Gene Name [ADH7 alcohol dehydrogenase 7 \(class IV\), mu or sigma polypeptide \[Homo sapiens \]](#)

Official Symbol [ADH7](#)

Synonyms ADH7; alcohol dehydrogenase 7 (class IV), mu or sigma polypeptide; alcohol dehydrogenase class 4 mu/sigma chain; ADH 4; retinol dehydrogenase; alcohol dehydrogenase-7; alcohol dehydrogenase VII; gastric alcohol dehydrogenase; class IV sigma-1 alcohol dehydrogenase; class IV sigmasigma alcohol dehydrogenase; alcohol dehydrogenase class IV mu/sigma chain; ADH4;

Gene ID [131](#)

mRNA Refseq [NM_000673](#)

Protein Refseq [NP_000664](#)

MIM [600086](#)

UniProt ID [P40394](#)

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SDS-PAGE



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