

Recombinant Human ADH7 Protein

Catalog #	Source	Reactivity	Applications
CRP1022	Human cells	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human ADH7 Protein is produced by our mammalian expression system and the target gene encoding Met1-Phe386 is expressed with a 6His tag at the C-terminus.		
Form	Lyophilized from a 0.2 µM filtered solution of PBS, pH 7.4.		
Gene Symbol	ADH7		
Alternative Names	Alcohol dehydrogenase class 4 mu/sigma chain; Alcohol dehydrogenase class IV mu/sigma chain; Gastric alcohol dehydrogenase; Retinol dehydrogenase		
Entrez Gene	131 (Human)		
SwissProt	P40394 (Human)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	MFAEIQIQDK DRMGTAGKVI KCKAAVLWEQ KQPFSEIEE VAPPKTKEVR IKILATGICR TDDHVIKGTM VSKFPVIVGH EATGIVESIG EGVTTVKPGD KVIPLFLPQC RECNAACRNP GNLCIRSDIT GRGVLADGTT RFTCKGKPVH HFMNTSTFTE YTVVDESSVA KIDDAAPPEK VCLIGCGFST GYGAAVKTKG VKPGSTCVVF GLGGVGLSVI MGCKSAGASR IIGIDLNKDK FEKAMAVGAT ECISPKDSTK PISEVLSEMT GNNVGYTFEV IGHLETMIDA LASCHMNYGT SVVVGVPVPSA KMLTYDPMML FTGRTWKGCV FGGLKSRDDV PKLVTEFLAK KFDLDQLITH VLPFKKISEG FELLNSGQSI RTVLTFVDHH HHHH		
Quality Control	Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.		
Directions for Use	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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Product Data Sheet

freeze-thaw cycles.

Storage/Stability

Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days.

Aliquots of reconstituted samples are stable at -20°C for 3 months.

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