# Recombinant Human ADH4 protein, His-tagged

**Cat. No.** ADH4-3810H **Lot. No.** (See product label)

## SPECIFICATION

| | |
|---|---|
| **Product Overview** | Recombinant Human ADH4 protein(1-380 aa), fused to His tag, was expressed in E. coli. |
| **Species** | Human |
| **Source** | E.coli |
| **ProteinLength** | 1-380 aa |
| **Form** | The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole. |
| **AA Sequence** | MGTKGKVIKCKAAIAWEAGKPLCIEEVEVAPPKAHEVRIQIIATSLCHTDATVIDSKFE GLAFPVIVGHEAAGIVESIGPGVTNVKPGDKVIPLYAPLCRKCKFCLSPLTNLCGKISN LKSPASDQQLMEDKTSRFTCKGKPVYHFFGTSTFSQYTVVSDINLAKIDDDANLERV CLLGCGFSTGYGAAINNAKVTPGSTCAVFGLGGVGLSAVMGCKAAGASRIIGIDINSE KFVKAKALGATDCLNPRDLHKPIQEVIIELTKGGVDFALDCAGGSETMKAALDCTTAG WGSCTFIGVAAGSKGLTVFPEELIIGRTINGTFFGGWKSVDSIPKLVTDYKNKKFNLD ALVTHTLPFDKISEAFDLMNQGKSIRTILIF |
| **Purity** | 90%, by SDS-PAGE with Coomassie Brilliant Blue staining. |
| **Storage** | Short-term storage: Store at 2-8°C for (1-2 weeks).<br>Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer |

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

| | |
|---|---|
| | containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles. |
| **Reconstitution** | Reconstitute at 0.25 g/µl in 200 µl sterile water for short-term storage. Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage. |

## GENE INFORMATION

| | |
|---|---|
| **Gene Name** | ADH4 alcohol dehydrogenase 4 (class II), pi polypeptide [ Homo sapiens ] |
| **Official Symbol** | ADH4 |
| **Synonyms** | ADH4; alcohol dehydrogenase 4 (class II), pi polypeptide; alcohol dehydrogenase 4; ADH 2; aldehyde reductase; alcohol dehydrogenase class II pi chain; ADH-2; |
| **Gene ID** | 127 |
| **mRNA Refseq** | NM_000670 |
| **Protein Refseq** | NP_000661 |
| **MIM** | 103740 |
| **UniProt ID** | P08319 |

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA