Recombinant Human ADH1B protein, His-SUMO-tagged

Cat. No. ADH1B-2486H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ADH1B protein(P00325)(2-375aa), fused to N-terminal His tag and SUMO tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	2-375aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	55.7 kDa
AA Sequence	STAGKVIKCKAAVLWEVKKPFSIEDVEVAPPKAYEVRIKMVAVGICRTDDHVVSGNLV TPLPVILGHEAAGIVESVGEGVTTVKPGDKVIPLFTPQCGKCRVCKNPESNYCLKND LGNPRGTLQDGTRRFTCRGKPIHHFLGTSTFSQYTVVDENAVAKIDAASPLEKVCLI GCGFSTGYGSAVNVAKVTPGSTCAVFGLGGVGLSAVMGCKAAGAARIIAVDINKDK FAKAKELGATECINPQDYKKPIQEVLKEMTDGGVDFSFEVIGRLDTMMASLLCCHEA CGTSVIVGVPPASQNLSINPMLLLTGRTWKGAVYGGFKSKEGIPKLVADFMAKKFSL DALITHVLPFEKINEGFDLLHSGKSIRTVLTF
Purity	Greater than 90% as determined by SDS-PAGE.

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Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name	ADH1B alcohol dehydrogenase 1B (class I), beta polypeptide [Homo sapiens]
Official Symbol	ADH1B
Synonyms	ADH1B; alcohol dehydrogenase 1B (class I), beta polypeptide; ADH2; alcohol dehydrogenase 1B; ADH, beta subunit; aldehyde reductase; alcohol dehydrogenase subunit beta; alcohol dehydrogenase 2 (class I), beta polypeptide;
Gene ID	125
mRNA Refseq	NM_000668
Protein Refseq	NP_000659
UniProt ID	P00325

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