



Recombinant Human Retinaldehyde dehydrogenase 3 (ALDH1A3)

Product Code	CSB-BP001567HU
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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P47895
Storage Buffer	Lyophilized from Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Product Type	Recombinant Proteins
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 85% as determined by SDS-PAGE.
Sequence	ATANGAVEN GQPDRKPPAL PRPIRNLEVK FTKIFINNEW HESKSGKKFA TCNPSTREQI CEVEEGDKPD VDKAVEAAQV AFQRGSPWRR LDALSRGRLL HQLADLVERD RATLAALETM DTGKPFLLHAF FIDLEGCIRT LRYFAGWADK IQGKTIPTDD NVVCFTRHEP IGVCGAITPW NFPLLMLLVWK LAPALCCGNT MVLKPAEQTP LTALYLGSLI KEAGFPPGVV NIVPGFGPTV GAAISSHPQI NKIAFTGSTE VGKLVKEAAS RSNLKRVTLE LGGKNPCIVC ADADLDLAVE CAHQGVFFNQ GQCCTAASRV FVEEQVYSEF VRRSVEYAKK RPVGDPFDVK TEQGPQIDQK QFDKILELIE SGKKEGAKLE CGGSAMEDKG LFIKPTVFSE VTDNMRIAKE EIFGPVQPIL KFKSIEEVK RANSTDYGLT AAVFTKNLDK ALKLASALES GTVWINCYNA LYAQAPFGGF KMSGNGRELG EYALAEYTEV KTVTIKLGDK NP
Source	Baculovirus
Target Names	Name:ALDH1A3Synonyms:ALDH6
Protein Names	Recommended name: Aldehyde dehydrogenase family 1 member A3 EC= 1.2.1.5Alternative name(s): Aldehyde dehydrogenase 6 Retinaldehyde dehydrogenase 3 Short name= RALDH-3 Short name= RalDH3
Expression Region	2-512
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. 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%. Customers could use it as reference.



Shelf Life

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