



Recombinant Mouse Aldehyde dehydrogenase, dimeric NADP-preferring (Aldh3a1)

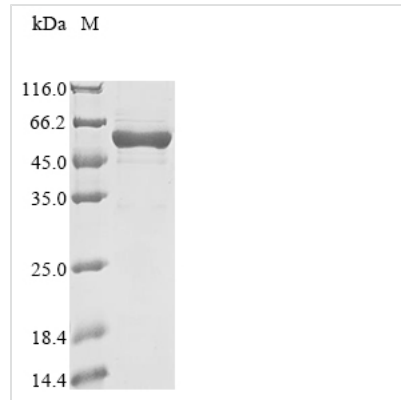
Product Code	CSB-EP001572MO
Abbreviation	Recombinant Mouse Aldh3a1 protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P47739
Form	Liquid or Lyophilized powder
Storage Buffer	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.
Product Type	Recombinant Proteins
Immunogen Species	Mus musculus (Mouse)
Purity	Greater than 85% as determined by SDS-PAGE.
Sequence	<p> SNISSIVNRARDAFNSGKTRPLQFRVEQLEALQRMINENLKGISKALASNLRKN EWTSYYEEVAHVLEIDFTIKGLSDWAEDEPVAKTRQTQEDDLYIHSEPLGVVL VIGAWNYPFNLTIQPMVGAIAAGNAVVLKPSEVSDHMADLLSTLIPQYMDKDLY PVIKGGVPETTELLKEKFDHIMYTGSTAVGKIVMAAAKHLTPVTLELGGKSPC YVDKDCDLDVACRRIAWGKFMNSGQTCVAPDYILCDPSIQNEIVEKLKSLKDF YGEDAKQSHDYGRIINDRHFQRVINLIDSKKVAHGGTWDQPSRYIAPTILVDVD PQSPVMQEEIFGPVMPIVCVRSLEAIKFINQREKPLALYVFSNNDKVIKKMIAE TSSGGVTANDVIVHITVPTLPFGGVGNSGMGAYHGKKSFETFSHRRSCLVRSL RNEEANKARYPPSPAKMPRH </p>
Research Area	Cell Biology
Source	E.coli
Target Names	Aldh3a1
Protein Names	Recommended name: Aldehyde dehydrogenase, dimeric NADP-preferring EC=1.2.1.5 Alternative name(s): Aldehyde dehydrogenase 4 Aldehyde dehydrogenase family 3 member A1 Dioxin-inducible aldehyde dehydrogenase 3
Expression Region	2-453aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 10xHis-tagged and C-terminal Myc-tagged
Mol. Weight	57.8 kDa



Protein Length

Full Length of Mature Protein

Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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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