

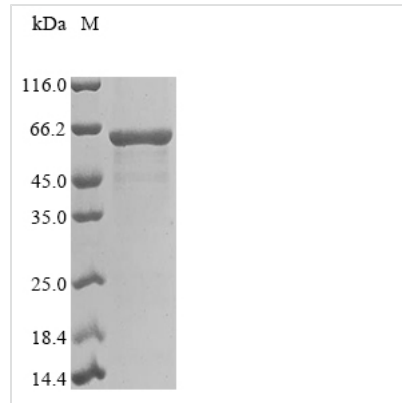


Recombinant Hordeum vulgare Betaine aldehyde dehydrogenase, partial

Product Code	CSB-EP673666HWQ
Abbreviation	Recombinant Hordeum vulgare Betaine aldehyde dehydrogenase protein, partial
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.	Q40024
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	Hordeum vulgare (Barley)
Purity	≥ 85% as determined by SDS-PAGE.
Sequence	GGGWREPTLGRHIPVINPATEDTIGDIPAATAEDVELAVAAGGPVLARRREPW ARASGATRAKYLNIAIAAKITGKIAYLALLETVDSGKPKDEAVADMDDVAACFEY YAALAEALDGKQHAPISLPMEEFKTYVLKEPIGVVGLITPWNYP LLMATWKVAP ALAAGCTAVLKPSELASLTCLELGAICEEIGLPSGV LNIITGLGPDAGAPIASHPH VDKIAFTGSTATGKTIMTAAAQMVKPV SLELGGKSPLVTFDDVADIDKAVEWP MLGCF FNGGQVCSATS RLLLHEKIAEPFLDRLVEWAKNIKISDPLEEGCRLGSV ISKGQYEQIKKFISTARSEGATILHGGDRPKHLGKGFFIEPTINTGVSTSMQIWR EEVFGPVICVKVFKTESEAVELANDTHYGLAGGVISDDLERCERIAKVIHSGIVW KNCSQPTLVQAPWGGNKRSFGRELGEWGLENYLSVKQVTRYCKDELYGW YQRPSKL
Research Area	Others
Source	E.coli
Target Names	N/A
Protein Names	Recommended name: Betaine aldehyde dehydrogenase Short name= BADH EC= 1.2.1.8
Expression Region	15-505aa
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	60.2 kDa

**Protein Length**

partial

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

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.