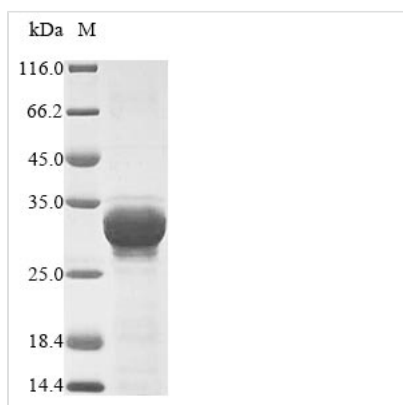




Recombinant Hordeum vulgare Oxalate oxidase 1

Product Code	CSB-EP332739HWQ
Relevance	Releases hydrogen peroxide in the apoplast which may be important for cross-linking reactions in the cell wall biochemistry. May play an important role in several aspects of plant growth and defense mechanisms.
Abbreviation	Recombinant Hordeum vulgare Oxalate oxidase 1 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.	P45850
Product Type	Recombinant Protein
Immunogen Species	Hordeum vulgare (Barley)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	SDPDPLQDFCVADLDGKAVSVNGHTCKPMSEAGDDFLFSSKLTKAGNTSTPN GSAVTELDVAEWPGTNTLGVSMNRVDFAPGGTNPPIHPRATEIGMVMKGEL LVGILGSLDSGNKLYSRVVRAGETTFVIPRGLMHFQFNVGKTEAYMVVVSFNSQN PGIVFVPLTLFGSDPPIPTVLTALRVEAGVVELLKSKFAGGS
Research Area	Signal Transduction
Source	E.coli
Protein Names	Germin
Expression Region	1-201aa
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	28.2 kDa
Protein Length	Full Length

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.