



# Recombinant *Gibberella baccata* Cyanide hydratase (CHY1)

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|--------------------------|--|
| <b>Product Code</b>      | CSB-BP330215GBX  |
| <b>Storage</b>           | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>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.   |
| <b>Uniprot No.</b>       | P32963   |
| <b>Product Type</b>      | Recombinant Protein  |
| <b>Immunogen Species</b> | <i>Gibberella baccata</i> ( <i>Fusarium lateritium</i> )   |
| <b>Purity</b>            | >85% (SDS-PAGE)  |
| <b>Sequence</b>          | MAITKYKAAA VTSEPGWFDL EGGVRKTIDF INEAGEAGCK FVAFPEVWIP<br>GYPYWMWKVT YLQSLPMLKR YRENSMAVDS EEMRRIRRAA RDNQIFVSLG<br>FSEIDHATLY LSQVLIGPDG ARHQPPPQDQ APLMLRSSFT VMDPVTPSCL<br>SVRLRLAASG QLNCWENMNP FLKSLNVSAG EQVHVAAWPV YPGRSARFTP<br>TLLPTMPIQP LTWLLLSMLS RLARGLLLPS SVSRLEGLKI NTPEGVEPET<br>DPSVYNGHAR IYRPDGLV KPEKDFDGLL FVDIDLNECH LTKVLADFAG<br>HYMRPDLIRL LVDTRRKKLI TEADPNGSIA TYSTRQLGL DSLFRRRREM<br>RQLTCSE |
| <b>Source</b>            | Baculovirus  |
| <b>Target Names</b>      | chy1   |
| <b>Protein Names</b>     | Recommended name: Cyanide hydratase EC= 4.2.1.66 Alternative name(s):<br>Formamide hydrolyase  |
| <b>Expression Region</b> | 1-357  |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.  |
| <b>Tag Info</b>          | Tag type will be determined during the manufacturing process.  |
| <b>Protein Length</b>    | full length protein  |
| <b>Reconstitution</b>    | 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.                |
| <b>Shelf Life</b>        | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>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.   |