



Recombinant *Gibberella baccata* Cyanide hydratase (CHY1)

Product Code	CSB-EP330215GBX-B
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.	P32963
Product Type	Recombinant Protein
Immunogen Species	<i>Gibberella baccata</i> (<i>Fusarium lateritium</i>)
Purity	>85% (SDS-PAGE)
Sequence	MAITKYKAAA VTSEPGWFDL EGGVRKTIDF INEAGEAGCK FVAFPEVWIP GYPYWMWKVT YLQSLPMLKR YRENSMAVDS EEMRRIRRAA RDNQIFVSLG FSEIDHATLY LSQVLIGPDG ARHQPPPQDQ APLMLRSSFT VMDPVTPSCL SVRLRLAASG QLNCWENMNP FLKSLNVSAG EQVHVAAWPV YPGRSARFTP TLLPTMPIQP LTWLLLSMLS RLARGLLLPS SVSRLEGLKI NTPEGVEPET DPSVYNGHAR IYRPDGLV KPEKDFDGLL FVDIDLNECH LTKVLADFAG HYMRPDLIRL LVDTRRKKLI TEADPNGSIA TYSTRQLGL DSLFRRRREM RQLTCSE
Source	E.coli
Target Names	chy1
Protein Names	Recommended name: Cyanide hydratase EC= 4.2.1.66 Alternative name(s): Formamide hydrolyase
Expression Region	1-357
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 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	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.