



Recombinant Zea mays Indole-3-acetate beta-glucosyltransferase (IAGLU)

Product Code	CSB-EP669233ZAX-B
Abbreviation	IAGLU
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.	Q41819
Product Type	Recombinant Protein
Immunogen Species	Zea mays (Maize)
Purity	≥85% (SDS-PAGE)
Sequence	MAPHVLVVPF PGQGHMNPV QFAKRLASKG VATTLVTTTRF IQRTADVDAH PAMVEAISDG HDEGGFASAA GVAEYLEKQA AAASASLASL VEARASSADA FTCVVYDSYE DWVLPVARRM GLPAVPFSTQ SCAVSAVYYH FSQGR LAVPP GAAADGSDGG AGAAALSEAF LGLPEMERSE LPSFVFDHGP YPTIAMQAIK QFAHAGKDDW VLFNSFEELE TEVLAGLTKY LKARAIGPCV PLPTAGRTAG ANGRITYGAN LVKPEDACTK WLDTKPDRSV AYVSFGSLAS LGNAQKEELA RGLLAAGKPF LWVVRASDEH QVPRYLLAEA TATGAAMVVP WCPQLDVLAH PAVGCFVTHC GWNSTLEALS FGVPMVAMAL WTDQPTNARN VELAWGAGVR ARRDAGAGVF LRGEVERCVR AVMDGGEEAAS AARKAAGEWR DRARAAVAPG GSSDRNLDEF VQFVRAGATE K
Source	E.coli
Target Names	IAGLU
Protein Names	Recommended name: Indole-3-acetate beta-glucosyltransferase EC= 2.4.1.121 Alternative name(s): (Uridine 5'-diphosphate-glucose:indol-3-ylacetyl)-beta-D-glucosyl transferase IAA-Glu synthase
Expression Region	1-471
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.



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