



Recombinant HTH-type transcriptional repressor AlIR (aIR)

Product Code	CSB-EP359803EGX
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.	P0ACN5
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O6:H1 (strain CFT073 / ATCC 700928 / UPEC)
Purity	>85% (SDS-PAGE)
Sequence	MTEVRRRGRP GQAEPVAQKG AQALERGIAl QYLEKSGGS SSVSDISLNL DLPLSTTFRL LKVLQAADFV YQDSQLGWWH IGLGVFNVA AYIHNRDVLV VAGPFMRRLM LLSGETVNVA IRNGNEAVLI GQLECKSMVR MCAPLGSRLP LHASGAGKAL LYPLAEEELM SIILQTGLQQ FTPPTLVDMP TLLKDLEQAR ELGYTVDKEE HVVGLNCIAS AIYDDVGSVV AAISISGPSS RLTEDRFVSQ GELVRDRTARD ISTALGLKAH P
Source	E.coli
Target Names	aIR
Protein Names	Recommended name: HTH-type transcriptional repressor AlIR Alternative name(s): Negative regulator of allantoin and glyoxylate utilization operons
Expression Region	1-271
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.