

LACI recombinant protein

Recombinant E Coli LACI Protein

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA263230	E. coli	E. coli	SDS-Page, Western Blot, ELISA

PRODUCT SYNONYMS

LACI; Recombinant E Coli LACI Protein; Lactose operon repressor; LACI recombinant protein

PRODUCT SPECIFICATIONS

Host	E. coli
Reactivity	E. coli
Purity/Purification	Greater than 95% as determined by reducing SDS-PAGE.
Form/Format	Liquid in a 0.2 uM filtered solution of 20mM Tris, 300mM NaCl, 5mM DTT, pH 8.0.
Sequence	MKPVTLYDVA EYAGVSYQTV SRVQNQASHV SAKTREKVEA AMAELNYIPN RVAQQLAGKQ SLLIGVATSS LALHAPSQIV AAIKSRADQL GASVVVSMVE RSGVEACKAA VHNLLAQRVS GLIINYPLDD QDAIAVEAAC TNVPALFLDV SDQTPINSII FSHEDGTRLG VEHLVALGHQ QIALLAGPLS SVSARLRLAG WHKYLTRNQI QPIAEREGDW SAMSGFQQTM QMLNEGIVPT AMLVANDQMA LGAMRAITES GLRVGADISV VGYDDTEDSS CYIPPLTTIK QDFRLLGQTS VDRLLQLSQG QAVKGNQLLP VSLVKRKTTL APNTQTASPR ALADSLMQLA RQVSRLESGQ HHHHHH
Sequence Length	360
Applicable Applications for LACI recombinant protein	MS (Mass Spectrometry), SDS-PAGE, WB (Western Blot), ELISA
Endotoxin	Less than 0.1 ng/ug (1 IEU/ug) as determined by LAL test.
Directions for Use	Always centrifuge tubes before opening. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Preparation and Storage	Store at -20°C to -80°C for one year.

ADDITIONAL INFORMATION

Related Product Information for LACI recombinant protein	Recombinant E Coli LACI Protein is produced by our E Coli expression system and the target gene encoding Met1-Gln360 is expressed with a 6His tag at the C-terminus.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	49176012
NCBI GeneID	945007
NCBI Accession #	NP_414879.3
NCBI GenBank Nucleotide #	NC_000913.3
UniProt Accession #	P03023 ; O09196 ; P71309 ; Q2MC79 ; Q47338
NCBI Official Full Name	lactose-inducible lac operon transcriptional repressor
NCBI Official Symbol	lacI

NCBI Official Synonym Symbols	ECK0342; JW0336
NCBI Protein Information	lactose-inducible lac operon transcriptional repressor
UniProt Protein Name	Lactose operon repressor
UniProt Gene Name	lacI
UniProt Entry Name	LACI_ECOLI

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/laci-recombinant-protein-e-coli-ms-mass-spectrometry-sds-page-wb-western-blot-elisa/263230>