

Translocated intimin receptor Tir Recombinant Protein | tir recombinant protein

Recombinant Escherichia coli O157:H7 (strain TW14359 / EHEC) Translocated intimin receptor Tir

CATALOG # AAA115208	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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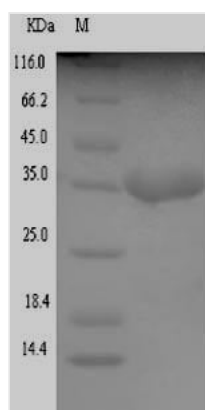
PRODUCT SYNONYMS

Translocated intimin receptor Tir; Recombinant Escherichia coli O157:H7 (strain TW14359 / EHEC) Translocated intimin receptor Tir; Secreted effector protein Tir; tir recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	252-362aa; Partial-length
Sequence	QALALTPEPD SPTTTDPDAA ASATETATRD QLTKEAFQNP DNQKVNIDEL GNAIPSGVLK DDVVANIEEQ AKAAGEEAKQ QAIENNAQAQ KKYDEQQAKR QEELKVSSGA G
Species	Escherichia coli O157:H7 (strain TW14359 / EHEC)
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for tir recombinant protein	Multifunctional protein that is required for efficient pedestal formation in host epithelial cells during infection. The extracellular region acts as a receptor for bacterial intimin, allowing the bacterium to attach tightly to the host-cell surface. Simultaneously, the intracellular region initiates a signaling cascade in the host cell, which leads to actin polymerization and formation of actin pedestals at the sites of bacterial adhesion.
References	"Analysis of the genome of the Escherichia coli O157:H7 2006 spinach-associated outbreak isolate indicates candidate genes that may enhance virulence." Kulasekara B.R., Jacobs M., Zhou Y., Wu Z., Sims E., Saenphimmachak C., Rohmer L., Ritchie J.M., Radey M., McKeivitt M., Freeman T.L., Hayden H., Haugen E., Gillett W., Fong C., Chang J., Beskhlebnyaya V., Waldor M.K. Miller S.I. Infect. Immun. 77:3713-3721(2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	485657470
NCBI Accession #	WP_001301454.1
NCBI GenBank Nucleotide #	WP_001301454.1
UniProt Accession #	C6UYL8
Molecular Weight	27.8 kDa
NCBI Official Full Name	translocated intimin receptor Tir
UniProt Protein Name	Translocated intimin receptor Tir
UniProt Gene Name	tir
UniProt Synonym Gene Names	espE
UniProt Entry Name	TIR_ECO5T

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://www.aaabiotech.com/tir-recombinant-protein-e-coli/115208>