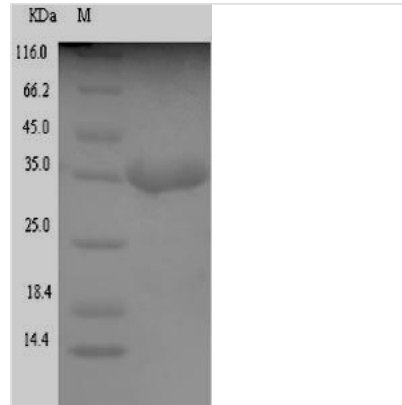




Recombinant Escherichia coli O157:H7 Translocated intimin receptor Tir (tir), partial

Product Code	CSB-EP514896EOF
Relevance	Multifunctional protein that is required for efficient pedestal formation in host epithelial cells during infection. The Extracellular domain 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
Abbreviation	Recombinant E.coli O157:H7 tir protein, partial
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.	C6UYL8
Alias	Secreted effector protein Tir
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O157:H7 (strain TW14359 / EHEC)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	QALALTPEPDSPTTTDPDAAASATETATRDQLTKEAFQNPDNQKVNIDELGNAI PSGVLKDDVVANIEEQAKAAGEEAKQQAIENNAQAQKKYDEQQAKRQEELKV SSGAG
Research Area	Others
Source	E.coli
Target Names	tir
Expression Region	252-362aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	27.8kDa
Protein Length	Extracellular Domain
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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.