

Toll Like Receptor 2 (TLR2) Active Protein | TLR2 active protein

Active Toll Like Receptor 2 (TLR2)

CATALOG # AAA153053	HOST E coli	APPLICATIONS Activity Assay, Cell Culture
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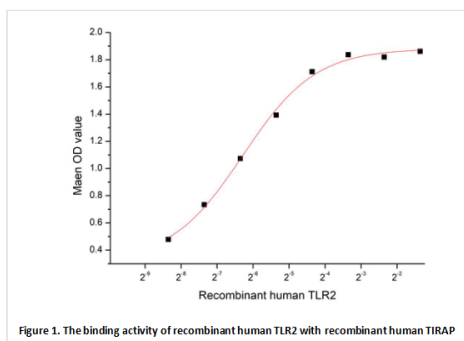
PRODUCT SYNONYMS

Toll Like Receptor 2 (TLR2); Active Toll Like Receptor 2 (TLR2); Toll Like Receptor 2; TLR2 active protein (prokaryotic); Human; CD282; TIL4; Toll/interleukin-1 receptor-like protein 4; TLR2 active protein

PRODUCT SPECIFICATIONS

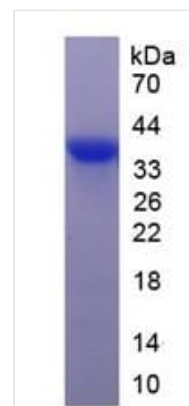
Host	E coli
Purity/Purification	Greater than 90% by SDS-PAGE
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose. Freeze-dried powder
Sequence Positions	Pro47~Gly245
Applicable Applications for TLR2 active protein	Activity Assay, Cell Culture
Expression System	Prokaryotic expression
Species	Human
Tag	Two N-terminals, His-tag and SUMO-tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	4.6
Research Area	Tumor immunity
Preparation and Storage	Store at 2-8 degree C for one month, -80 degree C for 12 months Stable for 12 months if correctly stored.

IMAGES



Bioactivity

TLR2 is a member of TLR family which is type I transmembrane proteins with a large number of extracellular leucine-rich repeats (LRRs) and a cytoplasmic Toll/IL-1 receptor (TIR) domain. Human TLR2 is synthesized as a 784 amino acid precursor that contains



SDS-PAGE

Figure. SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for TLR2 active protein	Active proteins
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NCBI AND UNIPROT INFORMATION

NCBI GI #	19718734
NCBI GeneID	7097
NCBI Accession #	NP_003255.2
NCBI GenBank Nucleotide #	NM_003264.3
UniProt Accession #	O60603; O15454; Q8NI00; B3Y612; D1CS45; D1CS48; D1CS49
Molecular Weight	89,838 Da
NCBI Official Full Name	toll-like receptor 2
NCBI Official Synonym Full Names	toll-like receptor 2
NCBI Official Symbol	TLR2
NCBI Official Synonym Symbols	TIL4; CD282
NCBI Protein Information	toll-like receptor 2; toll/interleukin 1 receptor-like 4; toll/interleukin-1 receptor-like protein 4
UniProt Protein Name	Toll-like receptor 2
UniProt Gene Name	TLR2
UniProt Synonym Gene Names	TIL4
UniProt Entry Name	TLR2_HUMAN

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/e-coli-active-protein/toll-like-receptor-2-tlr2/153053>