



[Go to Product page](#)

Datasheet for ABIN1322876

TLR4 Protein (AA 214-291) (GST tag)

1 Image

2 Publications

Overview

Quantity:	10 µg
Target:	TLR4
Protein Characteristics:	AA 214-291
Origin:	Human
Source:	Wheat germ
Protein Type:	Recombinant
Purification tag / Conjugate:	This TLR4 protein is labelled with GST tag.
Application:	Western Blotting (WB), ELISA, Affinity Purification (AP), Antibody Array (AA)

Product Details

Purpose:	TLR4 (Human) Recombinant Protein (Q01)
Sequence:	PMNFIQPGAF KEIRLHKLTL RNNFDSLNVN KTCIQGLAGL EVHRLVLGEF RNEGNLEKFD KSALEGLCNL TIEEFRLA
Characteristics:	Human TLR4 partial ORF (NP_612564, 214 a.a. - 291 a.a.) recombinant protein with GST-tag at N-terminal.
Purification:	in vitro wheat germ expression system

Target Details

Target:	TLR4
Alternative Name:	TLR4 (TLR4 Products)

Target Details

Background:	Full Gene Name: toll-like receptor 4 Synonyms: ARMD10,CD284,TOLL,hToll
Gene ID:	7099
NCBI Accession:	NM_138554
Pathways:	TLR Signaling , Activation of Innate immune Response , Cellular Response to Molecule of Bacterial Origin , Positive Regulation of Immune Effector Process , Production of Molecular Mediator of Immune Response , Toll-Like Receptors Cascades , Inflammasome , S100 Proteins

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	Preparation method: in vitro, wheat germ expression system Product Quality tested by: 12.5% SDS-PAGE Stained with Coomassie Blue.
Restrictions:	For Research Use only

Handling

Buffer:	50 mM Tris-HCl, 10 mM reduced Glutathione, pH =8.0 in the elution buffer.
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-80 °C
Storage Comment:	Best use within three months from the date of receipt of this protein.

Publications

Product cited in:	Hayakawa, Pham, Seo, Miyamoto, Maki, Terasaki, Sakadžić, Boas, van Leyen, Waeber, Kim, Arai, Lo: "CD200 restrains macrophage attack on oligodendrocyte precursors via toll-like receptor 4 downregulation." in: Journal of cerebral blood flow and metabolism : official journal of the International Society of Cerebral Blood Flow and Metabolism , (2015) (PubMed).
	Hendriks, Hua, Chabot: "Analysis of mechanistic pathway models in drug discovery: p38 pathway." in: Biotechnology progress , Vol. 24, Issue 1, pp. 96-109, (2008) (PubMed).

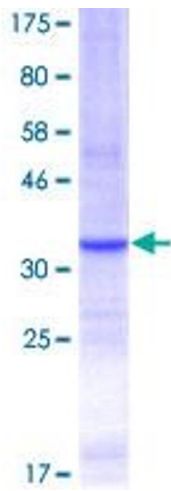


Image 1.