

Product datasheet

Recombinant Human TLR5 protein ab152752

1 Image

Description

Product name	Recombinant Human TLR5 protein	
Expression system	Wheat germ	
Accession	O60602	
Protein length	Protein fragment	
Animal free	No	
Nature	Recombinant	
Species	Human	
Sequence	LYSSNFYGLPKVAYIDLQKNHAIQDQTFKFLEKLQTLDLRD NALTTIH FIPSIDIFLSGNKLVTLPKINLTANLIHLSNRLENLDILYFLL RVPHL	
Predicted molecular weight	37 kDa including tags	
Amino acids	351 to 450	

Specifications

Our [Abpromise guarantee](#) covers the use of **ab152752** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	Western blot
	SDS-PAGE
	ELISA

Form Liquid

Additional notes

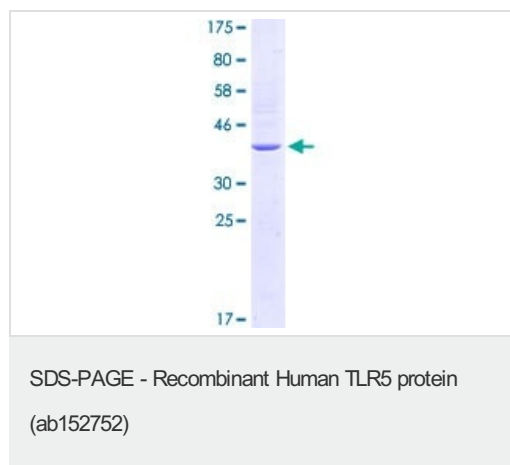
Preparation and Storage

Stability and Storage Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.
 pH: 8.00
 Constituents: 0.31% Glutathione, 0.79% Tris HCl

General Info

Function	Participates in the innate immune response to microbial agents. Mediates detection of bacterial flagellins. Acts via MYD88 and TRAF6, leading to NF-kappa-B activation, cytokine secretion and the inflammatory response.
Tissue specificity	Highly expressed in ovary and in peripheral blood leukocytes, especially in monocytes, less in CD11c+ immature dendritic cells. Also detected in prostate and testis.
Involvement in disease	Systemic lupus erythematosus 1
Sequence similarities	Belongs to the Toll-like receptor family. Contains 22 LRR (leucine-rich) repeats. Contains 1 LRRCT domain. Contains 1 TIR domain.
Post-translational modifications	Phosphorylated at Ser-805 by PKD/PRKD1; phosphorylation induces the production of inflammatory cytokines. Phosphorylated at Tyr-798 upon flagellin binding; required for signaling.
Cellular localization	Membrane.

Images



12.5% SDS-PAGE analysis of [ab152757](#) stained with Coomassie Blue.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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