

TLR9 recombinant protein

Recombinant Human TLR9 protein

CATALOG #
AAA119919

HOST
E Coli

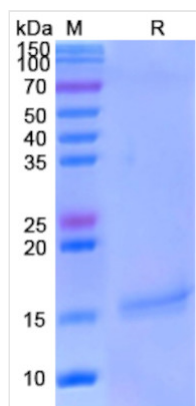
PRODUCT SYNONYMS

TLR9; Recombinant Human TLR9 protein; Toll-like receptor 9; CD289; TLR9 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	>90% as determined by SDS-PAGE
Form/Format	Lyophilized from a solution in PBS pH 7.4, 0.02% NLS, 1 mM EDTA, 4% Trehalose, 1% Mannitol.
Species	Homo sapiens (Human)
Protein Construction	A DNA sequence encoding the human TLR9 (Asn64-Glu189) was fused with His tag
Reconstitution	Reconstitute in sterile water for a stock solution.
Preparation and Storage	Use a manual defrost freezer and avoid repeated freeze/thaw cycles. Store at 2-8°C for one week. Store at 20°C to -80°C for twelve months from the date of receipt.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for TLR9 recombinant protein	Toll-like receptors (TLRs) are important sensors that recognize pathogen-associated molecular patterns. Generally, TLR9 is known to recognize bacterial or viral DNA but not viral RNA and initiate an immune response. The significance of TLR9 in DENV-induced immune response is also confirmed in examination with the bone marrow-derived DCs prepared from Tlr9-knockout mice. As renal tubular epithelial TLR9 promotes cell injury and death whereas TLR9 signaling in other cell types may promote cytoprotective effects. TLR9 agonist delivered by inhalation is able to prime T cell responses against poorly immunogenic lung tumors and to complement the effects of PD-1 blockade.
Product Categories/Family for TLR9 recombinant protein	Protein

NCBI AND UNIPROT INFORMATION

NCBI GI #	74054321
NCBI GeneID	54106
UniProt Accession #	Q9NR96; Q6UVZ2; Q9HD68; Q9HD69; Q9HD70; Q9NYC2; Q9NYC3; B3Y661; D1CS56
Molecular Weight	16.4 kDa
NCBI Official Full Name	TLR9
NCBI Official Synonym Full Names	toll-like receptor 9
NCBI Official Symbol	TLR9
NCBI Official Synonym Symbols	CD289
NCBI Protein Information	toll-like receptor 9
UniProt Protein Name	Toll-like receptor 9
UniProt Gene Name	TLR9
UniProt Entry Name	TLR9_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://www.aaabiotech.com/tlr9-recombinant-protein-e-coli/119919>