
Recombinant human TLR7 protein, His

Catalog Number: bs-41320P

AA Seq: 24-348/1049

Predicted MW: 36.7

Detected MW: 40 kDa

Tags: His

Activity: Not tested

Endotoxin: Not analyzed

Purity: >90% as determined by SDS-PAGE

Purification: AC

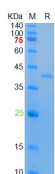
Form: Lyophilized or Liquid

Storage: 20mM Tris-HCl (pH8.0).

Stored at -70°C or -20°C. Avoid repeated freeze/thaw cycles.

Background: Key component of innate and adaptive immunity. TLRs (Toll-like receptors) control host immune response against pathogens through recognition of molecular patterns specific of microorganisms. TLR7 is a nucleotide-sensing TLR which is activated by single-stranded RNA. Acts via MYD88 and TRAF6, leading to NF-kappa-B activation, cytokine secretion and the inflammatory response.

VALIDATION IMAGES



The purity of the protein is greater than 90% as determined by reducing SDS-PAGE.