



Recombinant Human TLR8 Protein Product Manual

1. Product Basic Information

Product No.: REP08473

Protein Name: Toll Like Receptor 8 (TLR8)

Aliases: CD288; IMD98; TLR-hTLR8; toll like receptor 8

UniProt ID: Q9NR97

UniProt Link: <https://www.uniprot.org/uniprotkb/Q9NR97/entry>

Species Source: Homo sapiens (Human)

Expression System: Yeast

Protein Length: partial (27-827)

Molecular Weight: 93.5kDa

Protein Tag: N-terminal 6xHis-tagged

2. Amino Acid Sequence (27-827)

EENFSRSYPCDEKKQNDSVIAECSNRRLQVEVPQTVGKYVTELDLSDNFITHITNESF
QQLQNLTKINLNHNPNVQHONGNPGIQSNGLNITDGAFLNLKNLRELLLEDNQLPQI
PSGLPESLTELSLIQNNIYNITKEGISRLINLKNLYLAWNCYFNKVCEKTNIEDGVFETL
TNLELLSLSFNLSHVPPKLPSSLRKFLSNTQIKYISEEDFKGLINLTLLDLSGNCPR
CFNAPFPCVPCDGGASINIDRFQNLTLQLRYLNLSSLSLRKINAAWFKNMPHLKVL
DLEFNVLVGEIASGAFLTMLPRLEILDLSFNLIKGSYPQHINISRNFSLLSLRALHLR
GYVFQELREDDFQPLMQLPNLSTINLGINFIKQIDFKLFQNFNLEIYLSENRIPLVK
DTRQSYANSSSFQRHIRKRRSTDFEFDPHSNFYHFTRPLIKPQCAAYGKALDLSLNS
IFFIGPNQFENLPDIACLNLSANSNAQVLSGTEFSAIPHVKYLDLTNNRLDFDNASALT
ELSDLEVLDLSYNHYFRIAGVTHHLEFIQNFTNLKVLNLSHNNIYTLTDKYNLESKSL
VELVFSGNRLDILWNDDDNRYISIFKGLKNLTRLDSLNRKHIPNEAFLNLPASLTEL
HINDNMLKFFNWTLQFPRELLDLRGNKLLFLTDSLSDFTSSLRLLLLSHNRISHL
PSGFLSEVSSLKHLDLSSNLLKTINKSALETKTTTKLSMLELHGPNPFECTCDIGDFRR
WMDEHLNVKIPRLVDVICASPGDQRGKSIVSLELTTCVSDVT

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom



Enlibio Wuhan Enlibio Biotech Co.,Ltd Manuals version5.9
glycerol content is available upon customer request (please specify requirements when placing orders).

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.

4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.

5. Product Description

This product is a recombinant Human TLR8 partial protein (27-827) expressed in Yeast. The protein is with 6xHis tag at the N-terminus, which facilitates protein purification, detection and identification. TLR8, also known as CD288 or IMD98 or TLR-hTLR8, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.