

Recombinant Full Length Bos Indicus Toll-Like Receptor 2(Tlr2) Protein, His-Tagged

Cat. No. RFL13548BF Lot. No. (See product label)

SPECIFICATION

Product Overview

Recombinant Full Length Bos indicus Toll-like receptor 2(TLR2) Protein (B5T267) (21-784aa), fused to N-terminal His tag, was expressed in E. coli.

Species

Bos indicus (Zebu)

Source

E.coli

ProteinLength

Full Length (21-784)

Form

Lyophilized powder

AA Sequence

ASDQASSLSCDPTGVCDGHSRSLNSIPSGLTAGVKSLDLSNNEITYVSNRDLQRCVN
 LKTLRLGANEIHTVEEDSFFHLRNLEYLDLSYNRLSNLSSSWFRSLYVLKFLNLLGNL
 YKTLGETSLFSLPNLRTLKVGNSNSFTEIHEKDFTGLTFLEELEISAQNLQIYVPKSL
 KSIQNISHLILHLKQPVLLVDILVDIVSSLDCLELRDTNLHTFHFSEASISEMSTSVKCLI
 FRNVQFTDES FVEVVKLFNYVSGILEVEFDDCTHDGIGDFRALS LDRIRHLGNVETLTI
 RKLHIPQFFLFQDLSSIYPLTGKVKRVTIENSKVFLVPCLLSQHLKSLEYLDLSENLM
 EETLKNSACKDAWPFLQTLVLRQNRLKSLEKXGELLTLENLNSLDISKNNFLSMPET
 CQWPGKMKQLNLSSTRIHSLTQCLPQTL EILDVSNNNLDSFSLILPQLKELYISRNLK
 TLPDASFLPV LXVMRISRNIINTFSKEQLDSFQQLKTLEAGGNFICSCDFLSFTQGG
 QALGRVLVDWPDYHCDSPSHVRGQRVQDARLSLSECHRAAVVSAACCALFLLLLL
 MGVLCHRFGHLWYMKMMWAWLQAKRKPRKAPRRDICYDAFVSYSERDSYWVENL
 MVQELEQFNPPFKLCLHKRDFIPGKWIIDNIIDSIEKSHKTIFV LSENFVKSEWCKYEL

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	DFSHFRLFDENNDAAAILILLEPIDKKAIPQRFCKLRKIMNTKTYLEWPVDETQQEGFW LNLRAAIRS
Purity	Greater than 90% as determined by SDS-PAGE.
Applications	SDS-PAGE
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
GENE INFORMATION	
Gene Name	TLR2
Synonyms	TLR2; Toll-like receptor 2; CD antigen CD282
UniProt ID	B5T267

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