

# Recombinant Full Length Capra Ibex Toll-Like Receptor 2(Tlr2) Protein, His-Tagged

Cat. No. RFL24172CF Lot. No. (See product label)

## SPECIFICATION

### Product Overview

Recombinant Full Length Capra ibex Toll-like receptor 2(TLR2) Protein (B2LT62) (21-784aa), fused to N-terminal His tag, was expressed in E. coli.

### Species

Capra ibex (Ibex)

### Source

E.coli

### ProteinLength

Full Length (21-784)

### Form

Lyophilized powder

### AA Sequence

ASDQASSLSCDPTGVCDGHSRSLNSIPSGLTAGVKSLDLSNEITYVGNRDLQRCV  
 NLKTLRLGANEIHTVEEDSFFHLRNLEYLDLSYNRLSNLSSSWFRSLYVLKFLNLLGN  
 LYKTLGETSLFSLPNLRTLKVGNSNSFTQIHEKDFTGLTFLEELEISAQNLQLYVPKS  
 LKSIQNISHLILHLKQPVLLLDILIDIVSSLDYLELRDTNLHTFYFSEASISEINTSVKKLIF  
 RNVQFTDES FVEVVKLFNYVSGILEVEFDDCTHDGIGDFTALTNRIRYLG NVETL TIR  
 KLHIPQFFLFYDLSSYPLTGKVKRVTIENSKVFLVPCLLSQHLKSLEYLDLSENLMSE  
 ETLRNSACEHAWPFLQTLVLRQNRLKSLEKTGELLTLKLNLDISKNNFLSMPETC  
 QWPGKMKQLNLSSTRIHSLTQCLPQTLEILDVSNLNDLSDFLILPQLKELYISRNKLKT  
 LPDASFLPVLSVMRISGNIINTFSKEQLDSFPQLKALEAGGNNFICSCDFLSFTQGGQ  
 ALARVLVDWPDGYRCDAPSHVRGQRVQDARLSLSECHRAAVVSAVCCALFLLLLLT  
 GVLCHRFGHLWYMKMMWAWLQAKRKRKAPRRDLCYDAFVSYSEQDSYVVENL  
 MVQELEHFNPPFKLCLHKRDFVPGKWIIDNIIDSIEKSRKTIFVLSNFVRSEWCKYEL

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DFSHFRLFDENNDAAAILILLEPIDKKAIPQRFCKLRKIMNTKTYLEWPTDETQQEAFWL  
NLRAAIRS

**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** [B2LT62](#)

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