Recombinant Cynomolgus IL1R protein, His-tagged

Cat. No. IL1R-701C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Cynomolgus IL-1 Rrp2, His Tag is expressed from human 293 cells (HEK293). It contains AA Asp 20 - Arg 335 (Accession # EHH61702.1).
Species	Cynomolgus
Source	HEK293
ProteinLength	Asp 20 - Arg 335
Description	The Interleukin 1 receptor family (IL-1 R) comprises at least eleven members including IL-1 RI (IL-1 R1), IL-1 RII (IL-1 R2), IL-1 RAcP (IL-1 R3), ST2 (T1/IL-1 R4), IL-18 Ra (IL-1 Rrp/IL-1 R5), IL-1 Rrp2 (IL-1 RL2/IL-1 R6), IL-18 Rb (AcPL/IL-1 R7), IL-1RAPL-1 (TIGIRR-2/IL-1 R8), and TIGIRR-1 (IL-1 R9). All family members possess three immunoglobulin (Ig)-like domains in their extracellular region. Most members also have an intracellular TIR (Toll-like receptor/IL-1 receptor signaling) domain that is also conserved in the Toll-like receptor family. Related proteins, SIGIRR (single Ig domain-containing IL-1 R-related molecule) and IL-18BP, differ from the other members by having only one Ig domain.
Predicted N Terminal	Asp 20
Form	Lyophilized from 0.22 μm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.

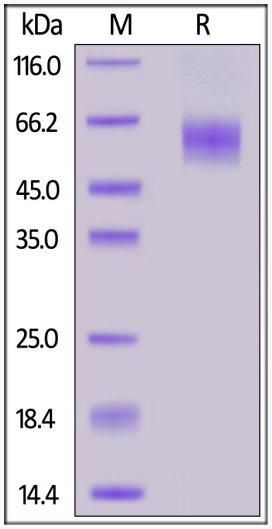
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Molecular Mass	The protein has a calculated MW of 37.9 kDa. The protein migrates as 50-66 kDa under reducing (R) condition (SDS-PAGE) due to Glycosylation.
Endotoxin	Less than 1.0 EU per μg by the LAL method.
Purity	>90% as determined by SDS-PAGE.
Storage	For long term storage, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after storage at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4℃ before opening to recover the entire contents.

GENE INFORMATION

Synonyms	IL-1 R6; IL-1 Rrp2; IL1RL2; IL-1RL2; IL1Rrp2; IL-1Rrp2; IL1RRP2; IL-36R

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SDS-PAGE of IL1R-701C	

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