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Product Sheet

Cynomolgus IL-1RAP Protein; His Tag

GM-88258RP-100 / 100 μg
GM-88258RP-1000 / 1 mg

Product Information

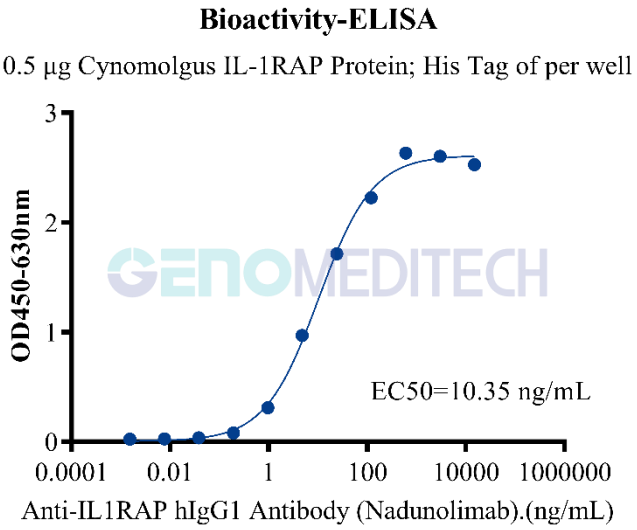
Product Name	Cynomolgus IL-1RAP Protein; His Tag
Source	Cynomolgus IL-1RAP Protein; His Tag (GM-88258RP) is expressed from human 293 cells (HEK-293). It contains AA Ser 21 - Glu 359 (Accession # G7NYP7). This protein carries a His tag at the C-terminus.
Predicted MW	39.9 kDa
Purity	> 90% as determined by SDS-PAGE
Endotoxin	< 1 EU/μg, determined by LAL gel clotting assay
Formulation	Liquid; Supplied as a 0.2 μm filtered solution of PBS, pH 7.2–7.4
Storage	Store at ≤ -70℃, stable for 6 months after receipt. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Shipping	Shipped on dry ice.
Synonyms	IL1RAP, IL-1RAcP, C3orf13, IL1R3
Background	IL-1RAP (interleukin-1 receptor accessory protein, IL-1R3) is a type I transmembrane glycoprotein of the interleukin-1 receptor family. It comprises three extracellular immunoglobulin-like domains, a transmembrane segment and a cytoplasmic Toll/interleukin-1 receptor (TIR) domain. Although it does not bind cytokines directly, IL-1RAP is recruited by ligand-engaged IL-1RI, IL-33R and IL-36R, juxtaposing their TIR domains to form a signaling-competent heterodimer. This recruits MyD88, IRAK and TRAF6, driving NF-κB and MAPK activation and pro-inflammatory gene expression. Alternative splicing yields membrane-bound and soluble isoforms whose ratio shifts during acute-phase responses. IL-1RAP is upregulated in myeloid leukemias and several solid tumors, making it an emerging therapeutic target.

Version 4.0.26.1023

For research use only!

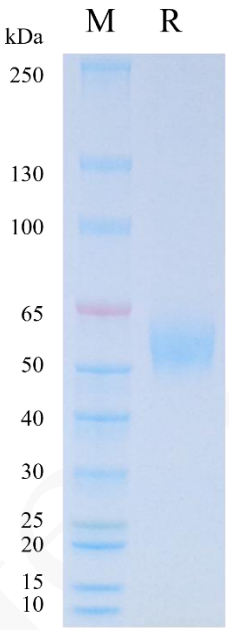
Data

Affinity



Cynomolgus IL-1RAP Protein; His Tag (Catalog # GM-88258RP) was immobilized at 5 μg/ml (100 μl/well). Increasing concentrations of Anti-IL1RAP hIgG1 Antibody (Nadunolimab) (Catalog # GM-88204AB) were added.

Purity



On SDS-PAGE under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 90%.

Related Products

IL-1	
H_IL1RAP IL1R1 KO Reporter HEK-293 Cell Line	H_IL1RAP KO HEK-293 Cell Line
H_IL-1 Reporter 293 Cell Line	H_IL-1 Reporter 293 Cell Line (old version)
Cynomolgus_IL-1R HEK-293 Cell Line	Cynomolgus_IL1RAP CHO-K1 Cell Line

Cynomolgus_IL1RAP HEK-293 Cell Line	Cynomolgus_IL1RAP HEK-293(IL1RAP KO) Cell Line
H_IL-1R CHO-K1 Cell Line	H_IL-1R HEK-293 Cell Line
H_IL1RAP CHO-K1 Cell Line	H_IL1RAP HEK-293 Cell Line
Membrane bound H_IL-1α CHO-K1 Cell Line	Membrane bound H_IL-1α HEK-293 Cell Line
Membrane bound H_IL-1β CHO-K1 Cell Line	Membrane bound H_IL-1β HEK-293 Cell Line
Mouse_IL1RAP HEK-293 Cell Line	Mouse_IL1RAP HEK-293(IL1RAP KO) Cell Line
Rat_IL1RAP HEK-293 Cell Line	Rat_IL1RAP HEK-293(IL1RAP KO) Cell Line
Anti-IL1B×IL1A hIgG1 Bispecific antibody(lutikizumab)	Anti-IL1R1 hIgG1 Antibody(AMG 108)
Anti-IL1RAP hIgG1 Antibody (Nadunolimab)	Anti-IL-1β hIgG1 Antibody(Canakinumab)
Biotinylated Human IL-1 alpha Protein; His-Avi Tag	Biotinylated Human IL-1 beta Protein; His-Avi Tag
Cynomolgus IL-1 alpha Protein; His Tag	Cynomolgus IL-1 beta Protein; His Tag
Human IL-1 alpha Protein; hFc Tag	Human IL-1 alpha Protein; His Tag
Human IL-1 beta Protein; hFc Tag	Human IL-1 beta Protein; His Tag
Human IL-1RAP Protein; hFc Tag	Human IL-1RAP Protein; His Tag
Human IL-1RI Protein; hFc Tag	Human IL-1RI Protein; His Tag
Human IL-1RI&IL-1RAP Heterodimer Protein; hFc Tag (Goflikicept)	Mouse IL-1 alpha Protein; His Tag
Mouse IL-1 beta Protein; His Tag	

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