

Active Recombinant Cynomolgus LRRC32 & TGFB1 protein, His-tagged

Cat. No. LRRC32 & TGFB1-0324C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus LRRC32 & TGFB1 protein(Ala18-Asn627(LRRC32)&Leu30-Ser390(TGF-beta1)), fused with His tag, was expressed in HEK293.
Species	Cynomolgus
Source	HEK293
ProteinLength	18-627;30-390 a.a.
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Cynomolgus LRRC32&TGF-beta 1 Heterotrimer Protein, His Tag&Tag Free at 1 µg/mL (100 µL/well) can bind Biotinylated Human ITGAV&ITGB6 Heterodimer Protein, His,Avitag&Tag Free with a linear range of 1-39 ng/mL.Immobilized Cynomolgus LRRC32&TGF-beta 1 Heterotrimer Protein, His Tag&Tag Free at 1 µg/mL (100 µL/well) can bind Mouse IgG1:Purified anti-human LAP(TGF-β1) with a linear range of 0.5-8 ng/mL.
Molecular Mass	The reducing (R) Heterotrimer protein migrates as 70 kDa (LRRC32), 37-43 kDa (LAP) and 13 kDa (mature TGF-beta 1) due to glycosylation respectively.
Proteinlength	Ala18-Asn627(LRRC32)&Leu30-Ser390(TGF-beta1)

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Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>90% as determined by SDS-PAGE.
Storage	For long term, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after 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°C before opening to recover the entire contents.
GENE INFORMATION	
Official Symbol	LRRC32

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