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LRRC32 Protein (AA 20-627) (Fc Tag)

2 Images



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Overview

Quantity:	100 μg
Target:	LRRC32
Protein Characteristics:	AA 20-627
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This LRRC32 protein is labelled with Fc Tag.

Product Details

Sequence:	AA 20-627
Characteristics:	This protein carries a human IgG1 Fc tag at the C-terminus. The protein has a calculated MW of 92.6 kDa. The protein migrates as 35 kDa and 100-116 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Purity:	>95 % as determined by SDS-PAGE.
Endotoxin Level:	Less than 1.0 EU per µg by the LAL method.

Target Details

Target:	LRRC32
Alternative Name:	LRRC32 (LRRC32 Products)
Background:	Leucine-rich repeat protein 32 (LRRC32), also known as GARP (glycoprotein A repetitions
	predominant). LRRC32 expression promotes the acquisition of a Treg phenotype including

reduced cellular proliferation, reduced cytokine secretion, and the capacity to suppress the proliferation of naive T cells. LRRC32 binds directly to the TGF-beta latency associated peptide (LAP) and tethers latent TGF-beta on the surface of activated Treg cells. The presentation of TGF-beta on Tregs contributes to their ability to suppress naive T cell proliferation.

Molecular Weight:	92.4 kDa
NCBI Accession:	NP_005503
Pathways:	Activated T Cell Proliferation

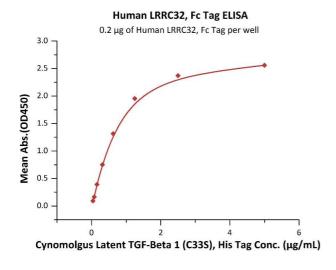
Application Details

Restrictions: For Research Use only

Handling

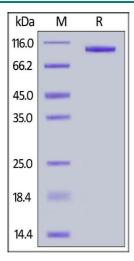
Format:	Lyophilized
Buffer:	Tris with Glycine, Arginine and NaCl, pH 7.5
Handling Advice:	Please avoid repeated freeze-thaw cycles.
Storage:	-20 °C

Images



ELISA

Image 1. Immobilized Human LRRC32, Fc Tag (ABIN5674638,ABIN6809961) at $2 \mu g/mL$ (100 $\mu L/well$) can bind Cynomolgus Latent 1 (C33S), His Tag (ABIN6973142) with a linear range of 0.039-1.25 $\mu g/mL$ (Routinely tested).



SDS-PAGE

Image 2. Human LRRC32, Fc Tag on under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than $95\,\%$.