

Active Recombinant Human LRRC32 protein, Fc-tagged

Cat. No. LRRC32-0373H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LRRC32 protein(His20-Asn627), fused with Fc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	20-627 a.a.
Form	Lyophilized from 0.22 µm filtered solution in Tris with Glycine, Arginine and NaCl, pH7.5. Normally trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human LRRC32, Fc Tag at 2 µg/mL (100 µL/well) can bind Cynomolgus Latent TGF-Beta 1 (C33S), His Tag with a linear range of 0.039-1.25 µg/mL.
Molecular Mass	This protein carries a human IgG1 Fc tag at the C-terminus.The protein has a calculated MW of 92.4 kDa. The protein migrates as 105 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	His20-Asn627
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.

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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

Gene Name	LRRC32 leucine rich repeat containing 32 [Homo sapiens]
Official Symbol	LRRC32
Synonyms	LRRC32; leucine rich repeat containing 32; D11S833E, GARP, glycoprotein A repetitions predominant; leucine-rich repeat-containing protein 32; garpin; glycoprotein A repetitions predominant; GARP; D11S833E;
Gene ID	2615
mRNA Refseq	NM_001128922
Protein Refseq	NP_001122394
MIM	137207
UniProt ID	Q14392

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