

Active Recombinant Mouse LRRC32 & TGFB1 protein, His-tagged

Cat. No. LRRC32 & TGFB1-0325M **Lot. No.** (See product label)

SPECIFICATION	
Product Overview	Recombinant Mouse LRRC32 & TGFB1 protein(Ile18-Asn628(LRRC32)&Leu30-Ser390(TGF-beta1)), fused with His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	18-628;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 Mouse LRRC32&TGFB1 Heterotrimer protein, His Tag&Tag Free at 1 µg/mL (100 µL/well) can bind Purified anti-mouse LAP (TGF-β1) Antibody with a linear range of 0.2-1 ng/mL.
Molecular Mass	The reducing (R) Heterotrimer protein migrates as 80 kDa (LRRC32), 40 kDa (LAP) and 14 kDa (mature TGF-beta 1) due to glycosylation respectively.
Proteinlength	Ile18-Asn628(LRRC32)&Leu30-Ser390(TGF-beta1)
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.>90% as determined by SEC-MALS.

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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 [<i>Mus musculus</i>]
Official Symbol	LRRC32
Synonyms	LRRC32; leucine rich repeat containing 32; glycoprotein A repetitions predominant; Garp; AI426318; EG434215; D11S833Eh; D7H11S833E;
Gene ID	434215
mRNA Refseq	NM_001113379
Protein Refseq	NP_001106850

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