

Recombinant Mouse Lrrc32 and Latent TGF beta 1 Complex Protein, Ala18-Leu628 and Leu30-Ser390, N-His-Avi tagged, Biotinylated

Cat. No. Lrrc32-262M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant mouse GARP and Latent TGF beta 1 Complex-N-His-Avi protein was developed from HEK293 and has a target region of N-His-Avi.
Species	Mouse
Source	HEK293
ProteinLength	Ala18-Leu628 (GARP) and Leu30-Ser390 (Latent TGF beta 1)
Description	Enables transforming growth factor beta binding activity. Involved in regulation of transforming growth factor beta3 activation and secondary palate development. Acts upstream of or within negative regulation of activated T cell proliferation; negative regulation of cytokine production; and positive regulation of gene expression. Predicted to be located in cell surface and nucleoplasm. Predicted to be active in extracellular matrix and extracellular space. Is expressed in several structures, including genitourinary system; lung; sensory organ; skeletal muscle; and skin. Orthologous to human LRRC32 (leucine rich repeat containing 32).
Conjugation/Label	Biotin
Form	Lyophilised
Endotoxin	Endotoxin level was found to be less than 0.1 ng/μg (1 EU/μg).

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Notes	FOR RESEARCH USE ONLY (RUO).
Storage	The lyophilized protein is stable for at least 1 year from date of receipt at -20 centigrade.
Storage Buffer	Lyophilised from 0.2 µm filtered PBS solution pH 7.4. Upon receipt centrifuge vial to ensure maximal product extraction, recommended: 20 sec, 5K RPM
Conjugation	Biotin

GENE INFORMATION

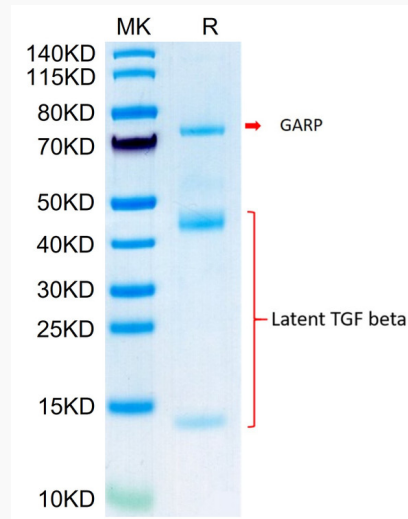
Gene Name	Lrrc32 leucine rich repeat containing 32 [Mus musculus]
Official Symbol	Lrrc32
Synonyms	LRRC32; leucine rich repeat containing 32; glycoprotein A repetitions predominant; Garp; AI426318; EG434215; D11S833Eh; D7H11S833E;
Gene ID	434215
mRNA Refseq	NM_001113379
Protein Refseq	NP_001106850
UniProt ID	G3XA59

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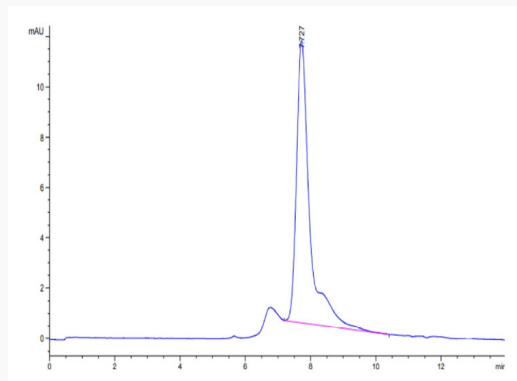
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**Biotinylated Mouse
GARP and Latent
TGF beta 1 Complex
on Tris-Bis PAGE
under reduced
condition. The purity
is greater than 95%.**



**The purity of
Biotinylated Mouse
GARP and Latent
TGF beta 1 Complex
is greater than 95%
as determined by
SEC-HPLC.**



**Immobilized Mouse
ITGAV and ITGB6,
His Tag at 1 µg/mL
(100 µL/Well) on the
plate. Dose response
curve for
Biotinylated Mouse**

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GARP and Latent
TGF beta 1 Complex,
His Tag with the
EC50 of 0.12 µg/mL
determined by
ELISA.

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