

**Product Name: Recombinant Human LRRC32 (C-Fc)**  
**Catalog #: PHH2251**



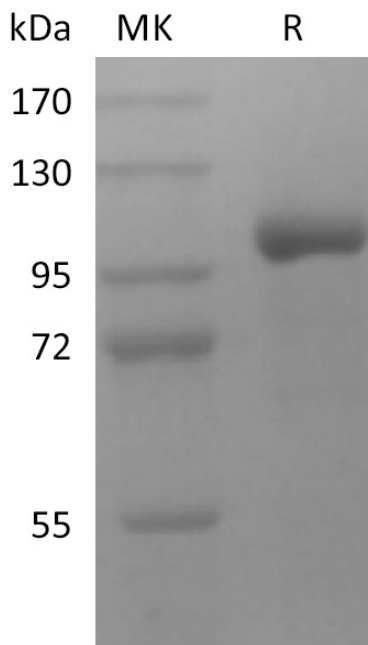
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## Summary

<b>Name</b>	LRRC32/GARP
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE
<b>Endotoxin level</b>	<1 EU/μg as determined by LAL test.
<b>Construction</b>	Recombinant Human Transforming Growth Factor Beta Activator LRRC32 is produced by our Mammalian expression system and the target gene encoding His20-Asn627 is expressed with a human IgG1 Fc tag at the C-terminus.
<b>Accession #</b>	Q14392
<b>Host</b>	Human Cells
<b>Species</b>	Human
<b>Predicted Molecular Mass</b>	92.9 KDa
<b>Formulation</b>	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
<b>Shipping</b>	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
<b>Stability&amp;Storage</b>	Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at ≤ -20°C for 3 months.
<b>Reconstitution</b>	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

## SDS-PAGE image

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### **Alternative Names**

GARP; GARPGarpin; Garpin; D11S833E

### **Background**

Leucine Rich Repeat Containing 32 (LRRC32), also known as Glycoprotein A Repetitions Predominant (GARP), has been postulated as a novel surface marker of activated T(regs). 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 naïve T cell proliferation. LRRC32 is widely expressed during embryogenesis and on adult platelets. Human LRRC32 is identified as a lineage specific key receptor for human T cells.

### **Note**

For Research Use Only , Not for Diagnostic Use.