

Product datasheet for **TP726685**

LRR32 Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human LRR32 (C-Fc)
Species:	Human
Expression cDNA Clone or AA Sequence:	His20-Asn627
Tag:	C-Fc
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS, pH7.4.
Note:	Recombinant Human Transforming Growth Factor Beta Activator LRR32 is produced by our Mammalian expression system and the target gene encoding His20-Asn627 is expressed with a Fc tag at the C-terminus.
Storage:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Stability:	12 months from date of despatch
Locus ID:	2615
UniProt ID:	Q14392
Synonyms:	GARP; GARPGarpin; Garpin; D11S833E
Summary:	Leucine Rich Repeat Containing 32 (LRR32), also known as Glycoprotein A Repetitions Predominant (GARP), has been postulated as a novel surface marker of activated T(regs). LRR32 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 na ⁺ T cell proliferation. LRR32 is widely expressed during embryogenesis and on adult platelets. Human LRR32 is identified as a lineage specific key receptor for human T cells.
Protein Families:	Transmembrane



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