Non-biotinylated Human GARP&Latent TGF Beta 1 Complex Protein

Catalog # TGFB1-HP005 Form: Lyophilized

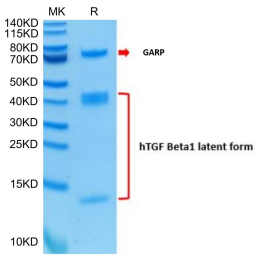
Product Details

Product description	Recombinant Human GARP&Latent TGF Beta 1 Complex Protein is expressed in HEK293 cells with a His tag and Avi tag at the C-terminus of GARP. It contains amino acid residues His20-Leu628 (GARP) and Leu30-Ser390 (Latent TGF beta 1) (accession: Q14392(GARP) & P01137(Latent TGF beta 1)).
Molecular aliases	LRRC32; GARP; LAP; TGF-beta-1; LRRC32&TGF-beta 1; LRRC32&TGFB1; TGF-β-1; LRRC32&TGF-β 1; GARP&Latent TGF Beta; GARP&Latent TGF Beta 1; TGF-b-1; TGF-b1; LRRC32&TGF-b 1
Expression system	HEK293
Molecular weight	The protein has a predicted MW of 70.3 kDa (GARP)&41.4 kDa (Latent TGF beta 1). Due to glycosylation, the protein migrates to 72-80 kDa (GARP)&13 kDa&42-50 kDa (Latent TGF beta 1) based on Bis-Tris PAGE result.
Purity	> 95% as determined by Bis-Tris PAGE > 90% as determined by HPLC
Endotoxin	Less than 1 EU per μg by the LAL method.
Formulation	Lyophilized from 0.22μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
State	Lyophilized
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Reconstitution	Dissolve the lyophilized protein in distilled water. Please refer to the Certificate of Analysis for detailed instructions.
Activity validation	Activity verified

Protein Integrity

Bis-Tris PAGE

Representative product-page data



Reported result

Human GARP&Latent TGF Beta 1 Complex on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.