Non-biotinylated Human GARP&Latent TGF Beta 2 Complex Protein

Catalog # TGFB2-HP001 Form: Lyophilized

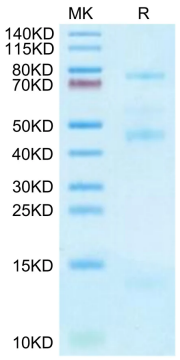
Product Details

Product description	Recombinant Human GARP&Latent TGF Beta 2 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 Leu21-Ser414(Latent TGF Beta 2) (accession: Q14392(GARP) & P61812-1(Latent TGF Beta 2)).
Molecular aliases	Garpin; GARP; LRRC32; D11S833E; GARP&Latent TGF B; GARP&TGF B; Cetermin; G-TSF; LAP; TGF-beta-2; TGF Beta 2; GARP&Latent TGF Beta 2
Expression system	HEK293
Molecular weight	The protein has a predicted MW of 70.3 kDa (GARP) and 45.53 kDa (Latent TGF Beta 2). Due to enzyme lysis and glycosylation, the protein migrates to 72-77 kDa (GARP), 13 kDa and 46-48 kDa (Latent TGF Beta 2) based on Bis-Tris PAGE result.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC
Endotoxin	Less than 0.1 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.

Protein Integrity

Bis-Tris PAGE

Representative product-page data



Reported result

Human GARP&Latent TGF Beta 2 Complex on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.