

GARP&Latent TGF Beta 1 Complex Protein, Human (HEK293, His-Avi)

Cat. No.:	HY-P700865
Synonyms:	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
Species:	Rat
Source:	HEK293
Accession:	D3ZVD5 (I18-N628)&P17246 (L30-R278)
Gene ID:	293135&59086
Molecular Weight:	70-80 kDa (GARP) & 42-48 kDa & 13 kDa (L

PROPERTIES

Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4. Normally 8% trehalose is added as protectant before lyophilization.
Endotoxin Level	<1 EU/μg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH ₂ O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	GARP is a transmembrane protein that acts as a docking receptor for potential transforming growth factor (LTGF-β) and plays a key role in the production and release of active transforming growth factor β (TGF-β). The presence of GARP as a soluble factor and surface marker for different cell types affects immune-mediated diseases such as cancer, allergies, and autoimmunity. GARP can be used as a biomarker and therapeutic target ^{[1][2]} .
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Caution: Product has not been fully validated for medical applications. For research use only.

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