



## Certificate of Analysis

## GPR114 Protein, Human (HEK293, Fc)

Cat. No.:	HY-P76960
Batch No.:	440341
Species:	Human
Source:	HEK293
Tag:	C-hFc
Accession:	Q8IZF4 (E22-G184)
Gene ID:	221188
Molecular Weight:	Approximately 57-75 kDa due to the glycosylation.

## ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 90% as determined by reducing SDS-PAGE	≥95.0%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured by the ability of the immobilized protein to enhance the adhesion of U251 human glioblastoma cells to human Fibronectin. When 4 x 10 <sup>4</sup> cells/well are added to plates coated with human Fibronectin (0.1 μg/mL) and rhGPR114 (10μg/well, 100μL/well) for 45 minutes at 37 °C, there is a 2.1 fold increase in adhesion to human fibronectin induced by the presence of rhGPR114.	Pass
Appearance	Lyophilized powder	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH <sub>2</sub> 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.	

**Caution: Product has not been fully validated for medical applications. For research use only.**

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