



Certificate of Analysis

TMPRSS1/HPN Protein, Human (HEK293, His)

Cat. No.: HY-P77693
 Batch No.: 403813
 Species: Human
 Source: HEK293
 Tag: C-His
 Accession: P05981 (R45-L417)
 Gene ID: 3249
 Molecular Weight: 18-22 kDa&30 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by Tris-Bis PAGE.	≥95.0%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Immobilized Human HPN, His Tag at 2 μg/mL (100 μl/Well) on the plate. Dose response curve for Anti-HPN Antibody, hFc Tag with the EC ₅₀ of ≤20.0 ng/mL determined by ELISA.	9.2 ng/mL
Appearance	Lyophilized powder	
Reconstitution	Reconstituting to a concentration more than 100 μg/ml is recommended. Dissolve the lyophilized protein in 20 mM NaAc, 150 mM NaCl (pH 5.0).	
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.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA