



Certificate of Analysis

PTK7 Protein, Mouse (HEK293, His)

Cat. No.:	HY-P78761
Batch No.:	273622
Species:	Mouse
Source:	HEK293
Tag:	C-10*His
Accession:	Q8BKG3-1 (A23-T696)
Gene ID:	71461
Molecular Weight:	83-130 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	≥95.0%
Endotoxin Level	<1 EU/μg, determined by LAL method.	<1 EU/μg
Biological Activity	Measured by its binding ability in a functional ELISA. Recombinant Mouse PTK7/CCK4 Fc Chimera binds Biotinylated Recombinant Mouse Wnt-3a. The ED ₅₀ for this effect is 7.183 μg/mL.	7.183 μg/mL
Appearance	Lyophilized powder	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH ₂ O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).	
Storage & Stability	Stored at -20°C. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer. 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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