



# Certificate of Analysis

## LY6G6D Protein, Human (P.pastoris, His)

Cat. No.:	HY-P71751
Batch No.:	368520
Species:	Human
Source:	<i>P. pastoris</i>
Tag:	N-6*His
Accession:	095868 (N20-S104)
Gene ID:	58530
Molecular Weight:	11 & 22 kDa in SDS-PAGE may be due to homodimer

### ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	≥98.0%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized Human LY6G6D at 2 μg/mL can bind Anti-LY6G6D recombinant antibody, the EC <sub>50</sub> is 2.816-9.81 ng/mL.	7.694-9.099 ng/mL
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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