



# Certificate of Analysis

## CES2/carboxylesterase 2 Protein, Mouse (HEK293, His)

Cat. No.: HY-P76193  
 Batch No.: 398574  
 Species: Mouse  
 Source: HEK293  
 Tag: C-His  
 Accession: Q91WG0 (Q27-K557)  
 Gene ID: 234671  
 Molecular Weight: Approximately 52-60 kDa.

### ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 90% as determined by reducing SDS-PAGE	≥98.0%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured by its ability to hydrolyze pnitrophenylacetate. The specific activity is ≥75,589.342 pmol/min/μg.	75589.342 pmol/min/μg
Appearance	Lyophilized powder	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH <sub>2</sub> 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 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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