



Certificate of Analysis

CES2/carboxylesterase 2 Protein, Human (HEK293,C-His,Solution)

Cat. No.:	HY-P76192A
Batch No.:	285197
Species:	Human
Source:	HEK293
Tag:	C-10*His
Accession:	O00748-1 (Q27-L559)
Gene ID:	8824
Molecular Weight:	Approximately 50-70 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	PASS
Biological Activity	Measured by its ability to hydrolyze p-nitrophenylacetate. Which can be measured by absorbance at 410 nm. The specific activity is 42718.666 pmol/min/μg, as measured under the described conditions.	42718.666 pmol/min/μg
Appearance	Solution	
Concentration	6.9222 mg/mL	
Reconstitution	N/A.	
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.	
Shipping	Shipping with dry ice	

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

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