



Certificate of Analysis

FAP Protein, Mouse (HEK293, His)

Cat. No.:	HY-P77934
Batch No.:	339724
Species:	Mouse
Source:	HEK293
Tag:	N-His
Accession:	P97321-1 (L26-D761)
Gene ID:	14089
Molecular Weight:	Approximately 90-110 kDa due to the glycosylation

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by Tris-Bis PAGE or SDS-PAGE.	≥95.0%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	<p>1. Measured by its ability to convert the substrate benzyloxycarbonyl-Gly-Pro-7-amido-4-methylcoumarin (Z-GP-AMC) to Z-Gly-Pro and 7-amino-4-methylcoumarin (AMC). The specific activity is >1871.29 pmol/min/μg, as measured under the described conditions.</p> <p>2. Immobilized Mouse FAP, His Tag at 1 μg/mL (100 μl/well) on the plate. Dose response curve for Anti-FAP Antibody, hFc Tag with the EC₅₀ of 4.6 ng/mL determined by ELISA.</p>	<p>2422 pmol/min/μg (Test by method 1)</p> <p>4.6 ng/mL (Test by method 2)</p>
Appearance	Lyophilized powder	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH ₂ 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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