



Certificate of Analysis

LIV-1/SLC39A6 Protein, Human (HEK293, His)

Cat. No.:	HY-P78749
Batch No.:	283716
Species:	Human
Source:	HEK293
Tag:	C-His
Accession:	Q13433 (F29-W325)
Gene ID:	25800
Molecular Weight:	50-70 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 90% as determined by reducing SDS-PAGE.	92.00%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Immobilized Human LIV-1 His at 1 μg/mL (100 μL/well) can bind Anti-LIV-1 antibody Human IgG1 with a linear range of 0.2-9 ng/mL.	4.285-8.146 ng/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 for 2 years. 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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