MCE® MedChemExpress

Certificate of Analysis

JAM-C/CD323 Protein, Mouse (HEK293, His)

Cat. No.:	HY-P73849
Batch No.:	341958
Species:	Mouse
Source:	*HEK293*
Tag:	C-6*His
Accession:	Q9D8B7/NP_075766.1 (E30-N241)
Gene ID:	83964
Molecular Weight:	Approximately 27-34 kDa due to the glycosylation

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 90% as determined by reducing SDS-PAGE.	97.00%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured by its ability to inhibit the adhesion of Jurkat cells on immobilized Human JAM-2. The ED_{50} for this effect is 0.3033 μg/mL in the presence of 0.2 μg/mL Human JAM-2, corresponding to a specific activity is 3.297×10^3 units/mg.	0.3033 μg/mL
Appearance	Lyophilized powder	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH_2O. 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.

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA