



Certificate of Analysis

ASAM/CLMP Protein, Mouse (HEK293, His)

Cat. No.:	HY-P72836
Batch No.:	316386
Species:	Mouse
Source:	HEK293
Tag:	C-His
Accession:	Q8R373 (T18-M232)
Gene ID:	71566
Molecular Weight:	The protein migrates as approximately 30-35 kDa under reducing SDS-PAGE due to glycosylation.

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 the ability of the immobilized protein to support the adhesion of the HUVEC human umbilical vein endothelial cell line. When 4×10^4 cells/well are added to mouse ASAM coated plates (30 μg/mL, 100 μL/well), approximately 78.49% will adhere after 30 min at 37°C.	78.49%
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.

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