



Certificate of Analysis

BST2 Protein, Mouse (HEK293, His)

Cat. No.:	HY-P75468
Batch No.:	306729
Species:	Mouse
Source:	HEK293
Tag:	N-His
Accession:	Q8R2Q8 (T52-N151)
Gene ID:	69550
Molecular Weight:	Approximately 13.6-24 kDa

ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 90% as determined by reducing SDS-PAGE.	95.00%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured by its binding ability in a functional ELISA. When Recombinant Mouse BST-2/Tetherin is immobilized at 1 μg/mL (100 μL/well) can bind Biotinylated Recombinant Viral Dengue Virus 4 Envelope. The ED ₅₀ for this effect is 0.349 μg/mL.	0.349 μg/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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