



# Certificate of Analysis

## E-Selectin/CD62E Protein, Rat (HEK293, His)

Cat. No.:	HY-P73044
Batch No.:	316572
Species:	Rat
Source:	HEK293
Tag:	C-His
Accession:	P98105 (W22-P494)
Gene ID:	25544
Molecular Weight:	The protein migrates as approximately 75-96 kDa under reducing SDS-PAGE due to glycosylation.

### ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE	96.70%
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 U937 human histiocytic lymphoma cells. When $5 \times 10^4$ cells/well are added to Rat E-Selectin/Fc Chimera coated plates (2 μg/mL with 100 μL/well), approximately 96.12% will adhere for 1 hour incubation at 37°C.	96.12%
Appearance	Lyophilized powder	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH <sub>2</sub> 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 (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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