



Certificate of Analysis

DR3/TNFRSF25 Protein, Mouse (HEK293, His)

Cat. No.:	HY-P700707
Batch No.:	293693
Species:	Mouse
Source:	HEK293
Tag:	C-His
Accession:	B1AWN9 (Q31-M196)
Gene ID:	85030
Molecular Weight:	35-48 kDa

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	1.Immobilized Mouse DR3, His Tag at 1 μg/mL (100 μl/well) on the plate. Dose response curve for Biotinylated Mouse TNFSF15, His Tag with the EC ₅₀ of ≤8.8 ng/mL determined by ELISA. 2.Mouse TNFSF15, hFc Tag captured on CM5 Chip via Protein A can bind Mouse DR3, His Tag with an affinity constant of 8.98 nM as determined in SPR assay (Biacore T200).	6 ng/mL(Test by method 1) 8.98 nM(Test by method 2)
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.

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