



Certificate of Analysis

CASPR2 Protein, Mouse (HEK293, His)

Cat. No.:	HY-P75604
Batch No.:	280417
Species:	Mouse
Source:	HEK293
Tag:	C-His;C-10*His
Accession:	NP_001004357.2 (A28-S1262)
Gene ID:	66797
Molecular Weight:	140-150 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	Immobilized Recombinant Mouse CASPR2 at 0.5 μg/mL (100 μL/well) can bind Biotinylated Recombinant Human Contactin-1 Protein. The ED ₅₀ for this effect is 0.7407 μg/mL.	0.7407 μg/mL
Appearance	Lyophilized powder.	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in PBS, pH 7.4. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose). Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.	
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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