



# Certificate of Analysis

## Arylsulfatase A/ARSA Protein, Mouse (HEK293, His)

Cat. No.:	HY-P75499
Batch No.:	275824
Species:	Mouse
Source:	HEK293
Tag:	C-10*His
Accession:	NP_033843.2 (S18-S506)
Gene ID:	11883
Molecular Weight:	Approximately 65 kDa

### ANALYTICAL DATA

TEST	Specifications	Results
Purity	Greater than 95% as determined by reducing SDS-PAGE.	95.00%
Endotoxin Level	<1 EU/μg, determined by LAL method.	PASS
Biological Activity	Measured by its ability to hydrolyze the substrate 4-Nitrocatechol Sulfate (PNCS). The specific activity is $9.387 \times 10^4$ pmoL/min/μg, as measured under the described conditions.	$9.387 \times 10^4$ pmoL/min/μg
Appearance	Lyophilized powder	
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH <sub>2</sub> O.	
Storage & Stability	Stored at -20°C. 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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