

## N-Acetylgalactosamine-6-Sulfatase

<b>Cat. No.:</b>	HY-E70188	
<b>Target:</b>	Biochemical Assay Reagents	
<b>Pathway:</b>	Others	
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.	N-Acetylgalactosamine-6-Sulfatase

### BIOLOGICAL ACTIVITY

#### Description

N-Acetylgalactosamine-6-Sulfatase (GALNS) is a potential general biomarker for multiple malignancies (such as lung cancer, breast cancer, head and neck cancer, etc.). N-Acetylgalactosamine-6-Sulfatase deficiency causes mucopolysaccharidosis type IVA (MPS IVA), also known as Morquio A syndrome. N-Acetylgalactosamine-6-Sulfatase can be used in MPS IVA as well as cancer research<sup>[1][2]</sup>.

### REFERENCES

[1]. Ho ML, et al. N-acetylgalactosamine-6-sulfatase (GALNS), Similar to Glycodelin, Is a Potential General Biomarker for Multiple Malignancies. *Anticancer Res.* 2019 Nov;39(11):6317-6324.

[2]. Laradi S, et al. Mucopolysaccharidosis type IV: N-acetylgalactosamine-6-sulfatase mutations in Tunisian patients. *Mol Genet Metab.* 2006 Mar;87(3):213-8.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA