

Fetuin, Fetal Bovine Serum

Cat. No.:	HY-P2352
CAS No.:	9014-81-7
Target:	Others
Pathway:	Others
Storage:	Sealed storage, away from moisture
	Powder -80°C 2 years
	-20°C 1 year

Fetuin, Fetal Bovine Serum

* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

SOLVENT & SOLUBILITY

In Vitro	H ₂ O : 50 mg/mL (Need ultrasonic)
In Vivo	1. Add each solvent one by one: PBS Solubility: 50 mg/mL (Infinity mM); Clear solution; Need ultrasonic

BIOLOGICAL ACTIVITY

Description	Fetuin, Fetal Bovine Serum is a liver-secreted 64 kDa plasma glycoprotein isolated from fetal bovine serum. Fetuin, Fetal Bovine Serum inhibits trypsin activity and promote cellular attachment, growth, and differentiation ^{[1][2]} .
In Vitro	Fetuin, Fetal Bovine Serum is often an important supplement to many serum-free media ^[2] . ?Fetuin is an acidic glycoprotein with three N-linked and three O-linked oligosaccharide chains, whose terminal sugar residues are rich in sialic acid (N-acetylneuraminic acid), contributing to its net negative charge ^[3] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

- [1]. Reiko Furugen, et al. Association of low fetuin-A levels with periodontitis in community-dwelling adults. J Oral Sci. 2020;62(1):67-69.
- [2]. Z Nie , et al. Fetuin: its enigmatic property of growth promotion. Am J Physiol. 1992 Sep;263(3 Pt 1):C551-62.
- [3]. H Wang, et al. Fetuin (alpha2-HS-glycoprotein) opsonizes cationic macrophage-deactivating molecules. Proc Natl Acad Sci U S A. 1998 Nov 24;95(24):14429-34.

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

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