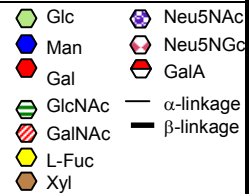




# J-OIL MILLS Lectin Information Sheet

<b>MAM <i>Maackia amurensis</i> Agglutinin</b>	
MAM	Code : J110      Pkg. : 2mg      Price : ¥10,000
MAM–Biotin	Code : J210      Pkg. : 1mg      Price : ¥18,000
MAM–FITC	Code : J510      Pkg. : 1mg      Price : ¥20,000
MAM–Agarose	Code : J310      Pkg. : 2ml      Price : ¥28,000
Origin	<i>Maackia amurensis</i>
Sugar Specificity	Sia $\alpha$ 2-3Gal
Oligosaccharide Specificity	Sia $\alpha$ 2-3Gal $\beta$ 1-4GlcNAc <sup>1)</sup>
Specific Oligosaccharides	N/A  As for Details: Cabos DB No. N/A
Hemagglutinating Activity	Yes
Mitogen Activity	Yes
Blood Specificity	Non-specific
Molecular Weight	N/A
Amino Acids Residue	287A.A. <sup>2)</sup>
Gene length	cDNA : 861bp <sup>2)</sup>
Subunit	Homodimer <sup>2)</sup>
Family	Concanavalin A-like lectins / glucanases
Accession No. ( <a href="#">UniProtKB</a> )	N/A
<a href="#">PDB</a> ID (3D Structure)	1DBN (3'-sialyllactose) <sup>3)</sup>
Metallic ion	manganese ion, calcium ion
Glycosylation Site	Asn61, Asn 113, Asn 179 , Asn 191(N-linked) <sup>2)</sup>
Cabos DB No.	N/A



#### Reference

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- 2) Yamamoto K, Konami Y, Irimura T, *J.Biochem.*, (2000),121,756
- 3) Imberty A, Gautier C, Lescar J, Perez S, Wyns L, Loris R, *J.Biol.Chem.*,(2000), 275 , 1754