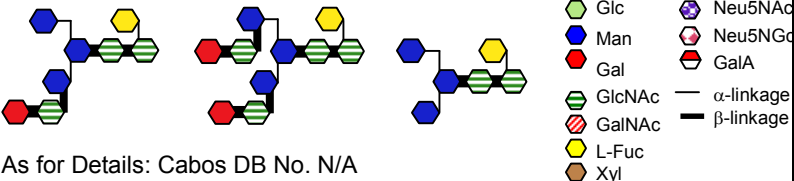




J-OIL MILLS Lectin Information Sheet

LCA <i>Lens culinaris</i> Agglutinin	
LCA	Code : J107 Pkg. : 5mg Price : ¥6,000
LCA-Biotin	Code : J207 Pkg. : 1mg Price : ¥5,000
LCA-HRP	Code : J407 Pkg. : 1mg Price : ¥16,000
LCA-FITC	Code : J507 Pkg. : 1mg Price : ¥5,000
LCA-Agarose	Code : J307 Pkg. : 5ml Price : ¥12,000
LCA-HPLC Column	Code : J607 Pkg. : 1piece Price : ¥120,000
Origin	<i>Lens culinaris</i>
Sugar Specificity	D-Mannose、D-Glucose ¹⁾
Oligosaccharide Specificity	Fucose linked $\alpha(1,6)$ to core GlcNAc of N-linked glycopeptides ^{2),3)}
Specific Oligosaccharides	 <p>As for Details: Cabos DB No. N/A</p>
Hemagglutinating Activity	Yes
Mitogen Activity	Yes
Blood Specificity	Non-specific
Molecular Weight	30,352Da [This is the MW of the unprocessed precursor]
Amino Acids Residue	275A.A. [This is the length of the unprocessed precursor]
Gene length	mRNA : 835bp
Subunit	Heterotetramer of two alpha and two beta chains. ^{4), 5)}
Family	Legume lectin family
Accession No. (UniProtKB)	P02870
PDB ID (3D Structure)	1LEN (Ca,Mn,PO ₄) ⁴⁾ , 2LAL (Ca,Mn,PO ₄) ⁵⁾ 1LES (Glc-Fru, Ca, Mn) ⁶⁾ , 1LEM (Glc, Ca, Mn) ⁷⁾
Metallic ion	Binds two manganese (or other transition metal) ions and two calcium ions per heterotetramer.
Glycosylation Site	None
Cabos DB No.	N/A

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