

Identification and Characterization of a Lipophorin Receptor from the Ovary of Wax Moth, *Galleria mellonella*

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A Lipophorin receptor has been identified from the ovary of the wax moth, *Galleria mellonella*. An *in vitro* binding assay was performed to analyze the specific binding activity for lipophorin in the ovary. Lipophorin purified from the 6th larval haemolymph by the KBr density gradient ultracentrifugation and gel filtration chromatography was used for the ligand blotting and radio labelled lipophorin by reductive methylation using [¹⁴C]-formaldehyde was used for the binding assay. LP-receptor identified by ligand blotting has apparent molecular mass of 40 kDa under reducing and non-reducing condition. Purification and characterization are now conducted.