

Materials List for:

A Method For Production of Recombinant mCD1d Protein in Insect Cells.

Archana Khurana¹, Mitchell Kronenberg¹

¹Department of Developmental Immunology, La Jolla Institute for Allergy and Immunology

URL: <http://www.jove.com/video/633>

DOI: [doi:10.3791/633](https://doi.org/10.3791/633)

Materials

Name	Type	Company	Catalog Number	Comments
Express Five SFM	Serum Free Medium	Invitrogen	10486025	
High Five TM	Insect Cells	Invitrogen	B855-02	
Glutamine Pen strep	Antibiotics	Invitrogen	10378-016	
25cm2 TC Flask	Plastic	Fisher Scientific	10-126-28	
175 cm2 TC Flask	Plug seal flask	Fisher Scientific	10-126-8	
Erlenmeyer Flask	Cell Culture Flask	Fisher Scientific	07 200 672	
YM 30 Concentrator	30,000 MWCO	EMD Millipore	UFC 903096	
FPLC equipment		GE Healthcare		
BrA Enzyme and Buffer	Biotinylation Kit	Avidity	BIRA500	
Ni-NTA Agarose Column	His Tag Protein Purification Column	GE Healthcare		
Desalting column	To get rid of Salt from Protein	GE Healthcare		
MonoQ Column	Anion Exchange Chromatography	GE Healthcare		
S200 Column	Size Exclusion Chromatography	GE Healthcare		
alpha-Galcer	Glycolipid			
PE- Streptavidin	For conjugating Protein	Molecular Probes, Life Technologies	S-866	