

Materials List for:

Development of Recombinant Proteins to Treat Chronic Pain

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Materials

Name	Company	Catalog Number	Comments
FreeStyle 293-F cells	Invitrogen	R790-07	Human embryonic kidney cells
GIBCO FreeStyle 293 Expression Medium	Life technologies	12338018	Culture medium
293fectin Reagent	Invitrogen	12347019	Transfection reagent
GIBCO Opti-MEM + GlutaMAX	Life technologies	51985026	Reduced Serum Medium for use during cationic lipid transfections
GIBCO RPMI Medium 1640 (1x)	Life technologies	52400-025	
CNBr-Activated Sepharose 4B	GE Healthcare	17-0430-01	pre-activated media for coupling antibodies or other large proteins
Hydrochloric acid fuming 37%	Merck	1003171000	
Sodium chloride	Sigma	S7653-1kg	
Sodium bicarbonate	Sigma	31437	
Trizma hydrochloride	Sigma	T3253-500G	TRIS hydrochloride
Acetic Acid 100%	Merck	1.00063.1000	
Glycin-HCl	Sigma	G2879	
PBS	Pharmacie, UMCU		Phosphate-Buffered Saline
10X TGS	BIO-RAD	161-0772	Tris/Glycine/SDS Buffer for SDS electrophoresis
Mini-PROTEAN TGX Gels	BIO-RAD	456-1046	12% SDS precast gels
Trans-Blot Turbo Transfer Pack	BIO-RAD	170-4157	Western blot transfer packs
Yarra 3u SEC-2000 column	Phenomenex		
InstantBlue Protein Stain	Expedeon	ISB1L	ready to use Coomassie protein stain for polyacrylamide gels
Human IL-10 DuoSet ELISA	R&D	DY217B	
Human TNFα ELISA Set	Diaclone	851570020	
BCA Pierce Protein Assay Kit	ThermoFisher Scientific	23227	
Carrageenan	Sigma-Aldrich	22049	plant mucopolysaccharide
CFA	Sigma-Aldrich	F5881	vaccine adjuvant
Hamilton syringe	Sigma-Aldrich	20779	glass syringe
Animal Enclosure	IITC Life Science	433	Animal Enclosure
Von Frey mesh stand	IITC Life Science	410	Mesh Stand
von Frey hairs	Stoelting	58011	touch test sensory probes
Plantar Test (Hargreaves Method)	IITC Life Science	390G	plantar test with heated glass

Dynamic Weight Bearing test	Bioseb	BIO-DWB-AUTO-M	postural deficit test
Glass Econo-Column Columns, 1.5 × 30 cm	BIO-RAD	7371532	glass chromatography column
SnakeSkin Dialysis Tubing	Thermo Scientific	88242	
Minisart NML Syringe Filter	Sartorius	16555-K	single use filter unit, 0.45 μM
CASY Cell Counter and Analyzer	Roche		