



Cell Growth Media

CHO:

- DMEM (GIBCO 11885-084 or phenol red free: 11054-020)
 - low glucose
 - with L-glutamine (Gibco 25030-081)
 - with 110 mg/L sodium pyruvate (Gibco 11360-070)
 - with pyridoxine hydrochloride

add:

- 5 ml Non-essential amino acids (Gibco 11140-050)
- 5 ml Pen-Strep (Gibco 15140-122)
- 50 ml (10%) FBS (Gibco 26140-079)

for stable GFP expressing lines add 2.5 ml G418 (Geneticin **Gibco 11811-031**) (2.5 ml of 100 mg/ml stock/bottle for 0.5 mg/ml).

MEFs (including paxillin^{-/-}):

- DMEM (GIBCO 11965-092)
 - high glucose
 - with L-glutamine
 - with pyridoxine hydrochloride
 - without sodium pyruvate

add:

- 5 ml Pen-Strep
- 50 ml (10%) FBS

FAK^{-/-} MEFs:

- DMEM (GIBCO 11965-092)
 - high glucose
 - with L-glutamine
 - with pyridoxine hydrochloride
 - without sodium pyruvate

add:

- 5 ml of 100 mM sodium pyruvate (1 mM)
- 5 ml non-essential amino acids
- 5 ml Pen-Strep
- 50 ml (10%) FBS
- 3.5 µl of β-mercaptoethanol

For freezing cells use 10% DMSO with media or better yet with pure FBS.