

**Shipment Notes:**

Available upon request: These cell lines will take approximately 4-6 weeks to expand stocks for shipment.

Ready to ship: These cell lines will take approximately 2 weeks to be shipped.

CELL LINE NAME / GENE KNOCKOUT	CELL LINE STATUS	GENE ID	PARENTAL CELL LINE	CELL LINE GROWTH CONDITIONS
<b>ALS</b>				
SOD1 KO	Ready to ship	ENSG00000142168	HELA	DMEM with FBS 10%, L-glutamine 2mM, Penicillin-Streptomycin 100U/ml
FUS KO	Ready to ship	ENSG00000089280	HELA	DMEM with FBS 10%, L-glutamine 2mM, Penicillin-Streptomycin 100U/ml
NEK1 KO	Ready to ship	ENSG00000137601	HELA	DMEM with FBS 10%, L-glutamine 2mM, Penicillin-Streptomycin 100U/ml
C9ORF72 KO	Available upon request	ENSG00000147894	HELA	DMEM with FBS 10%, L-glutamine 2mM, Penicillin-Streptomycin 100U/ml
SETX KO	Ready to ship	ENST00000224140	U2OS	DMEM with FBS 10%, L-glutamine 2mM, Penicillin-Streptomycin 100U/ml
OPTN KO	Ready to ship	ENSG00000123240	U2OS-PDI-CRISPRn FH10a (doxycycline inducible cas9)	DMEM with tetracycline free FBS 10%, L-glutamine 2mM, Penicillin-Streptomycin 100U/ml
SQSTM1 (P62) KO	Ready to ship	ENSG00000161011	U2OS-PDI-CRISPRn FH10a (doxycycline inducible cas9)	DMEM with tetracycline free FBS 10%, L-glutamine 2mM, Penicillin-Streptomycin 100U/ml
TBK1 KO	Ready to ship	ENSG00000183735	U2OS-PDI-CRISPRn FH10a (doxycycline inducible cas9)	DMEM with tetracycline free FBS 10%, L-glutamine 2mM, Penicillin-Streptomycin 100U/ml
KIF5A KO	Ready to ship	ENSG00000155980	U2OS-PDI-CRISPRn FH10a (doxycycline inducible cas9)	DMEM with tetracycline free FBS 10%, L-glutamine 2mM, Penicillin-Streptomycin 100U/ml
UBQLN2 KO	Ready to ship	ENSG00000188021	U2OS-PDI-CRISPRn FH10a (doxycycline inducible cas9)	DMEM with tetracycline free FBS 10%, L-glutamine 2mM, Penicillin-Streptomycin 100U/ml
MATR3 KO	Ready to ship	ENSG00000280987	HEK293T PDI CRISPRn BAS (doxycycline inducible cas9)	DMEM with tetracycline free FBS 10%, L-glutamine 2mM, Penicillin-Streptomycin 100U/ml
SPAST KO	IN PROGRESS	ENSG00000021574	HELA	DMEM with FBS 10%, L-glutamine 2mM, Penicillin-Streptomycin 100U/ml
VAPB KO	IN PROGRESS	ENSG00000124164	HELA	DMEM with FBS 10%, L-glutamine 2mM, Penicillin-Streptomycin 100U/ml
TUBA4A KO	IN PROGRESS	ENSG00000127824	HELA	DMEM with FBS 10%, L-glutamine 2mM, Penicillin-Streptomycin 100U/ml
PFN1 KO	IN PROGRESS	ENSG00000108518	U2OS	DMEM with FBS 10%, L-glutamine 2mM, Penicillin-Streptomycin 100U/ml
CHMP2B KO	IN PROGRESS	ENSG00000083937	U2OS	DMEM with FBS 10%, L-glutamine 2mM, Penicillin-Streptomycin 100U/ml
ALS2 KO	IN PROGRESS	ENSG00000003393	U2OS	DMEM with FBS 10%, L-glutamine 2mM, Penicillin-Streptomycin 100U/ml
TIA1 KO	IN PROGRESS	ENSG00000116001	HEK293T	DMEM with FBS 10%, L-glutamine 2mM, Penicillin-Streptomycin 100U/ml
ANG KO	IN PROGRESS	ENSG00000214274	HELA	DMEM with FBS 10%, L-glutamine 2mM, Penicillin-Streptomycin 100U/ml
<b>PD</b>				
GBA KO	Available upon request	ENSG00000177628	HELA	DMEM with FBS 10%, L-glutamine 2mM, Penicillin-Streptomycin 100U/ml
SNCA (alpha-synuclein ) KO	Available upon request	ENSG00000145335	HELA	DMEM with FBS 10%, L-glutamine 2mM, Penicillin-Streptomycin 100U/ml
PARKIN KO	Available upon request	ENSG00000185345	HEK293T	DMEM with FBS 10%, L-glutamine 2mM, Penicillin-Streptomycin 100U/ml
PINK1 KO	Available upon request	ENSG00000158828	U2OS	DMEM with FBS 10%, L-glutamine 2mM, Penicillin-Streptomycin 100U/ml
SMPD1 KO	Available upon request	ENSG00000166311	HELA	DMEM with FBS 10%, L-glutamine 2mM, Penicillin-Streptomycin 100U/ml
LRRK2 KO	Available upon request	ENSG00000188906	HELA	DMEM with FBS 10%, L-glutamine 2mM, Penicillin-Streptomycin 100U/ml
MAPT (TAU) KO	Available upon request	ENSG00000186868	HELA	DMEM with FBS 10%, L-glutamine 2mM, Penicillin-Streptomycin 100U/ml
MFN2 KO	Available upon request	ENSG00000116688	HEK293T	DMEM with FBS 10%, L-glutamine 2mM, Penicillin-Streptomycin 100U/ml
ATXN3 KO	Available upon request	ENSG00000066427	HEK293T	DMEM with FBS 10%, L-glutamine 2mM, Penicillin-Streptomycin 100U/ml
ATXN3 KO	Available upon request	ENSG00000066427	U2OS-PDI-CRISPRn FH10a (doxycycline inducible cas9)	DMEM with tetracycline free FBS 10%, L-glutamine 2mM, Penicillin-Streptomycin 100U/ml