

Human ERK Signaling Pathway
Ref : ERK1H1

**BRAF, CDC42, FN1, GNAQ, GRB2, ITGB1, MAP2K1, MAP2K2, MAP3K1, PAK1, PAK3,
 PLCG1, PLCG2, PTK2, PTK2B, RAC1, RAC2, RAC3, RAF1, RAP1A, RAP1B, RAPGEF3, RAPGEF4, SOS1,
 SOS2, SRC, EGF, LAMTOR3, BAD, NFKBIA, PAK2, ARHGEF1, GNA12, GNAI1, GNAS, PIK3C2A, PIK3CA,
 PIK3CB, GMFB, GMFG, MYLK, CAPN1, CAPN2, ARAF, CD3E, DUSP1, DUSP3, KSR1, MAPK1, MAPK3,
 EIF4E, CALM1, CALM2, CALM3, CAMK2A, ESR1, ESR2, GNA11, HRAS, KRAS, MKNK1, MKNK2,
 MRAS, NRAS, RAPGEF5, RASA2, RPS6KA1, ZAP70, ELK1, JUN, MYC, PAX6, ATF4, CREB1,
 CREB3, FOS, SRF, ATF1, CHUK, ELK3, ELK4, HMG1, STAT1, STAT3.**