Creative Enzymes®

receptor protein-tyrosine kinase

Cat. No. EXWM-3126

Lot. No. (See product label)

Introduction

Description

The receptor protein-tyrosine kinases, which can be defined as having a transmembrane domain, are a large and diverse multigene family found only in Metazoans. In the human genome, 58 receptor-type protein-tyrosine kinases have been identified and these are distributed into 20 subfamilies.

Synonyms

AATK; AATYK; AATYK2; AATYK3; ACH; ALK; anaplastic lymphoma kinase; ARK; ATP:protein-tyrosine O-phosphotransferase (ambiguous); AXL; Bek; Bfgfr; BRT; Bsk; C-FMS; CAK; CCK4; CD115; CD135; CDw135; Cek1; Cek10; Cek11; Cek2; Cek3; Cek5; Cek6; Cek7; CFD1; CKIT; CSF1R; DAlk; DDR1; DDR2; Dek; DKFZp434C1418; Drosophila Eph kinase; DRT; DTK; Ebk; ECK; EDDR1; Eek; EGFR; Ehk2; Ehk3; Elk; EPH; EPHA1; EPHA2; EPHA6; EPHA7; EPHA8; EPHB1; EPHB2; EPHB3; EPHB4; EphB5; ephrin-B3 receptor tyrosine kinase; EPHT; EPHT2; EPHT3; EPHX; ERBB; ERBB1; ERBB2; ERBB3; ERBB4; ERK; Eyk; FGFR1; FGFR2; FGFR3; FGFR4; FLG; FLK1; FLK2; FLT1; FLT2; FLT3; FLT4; FMS; Fv2; HBGFR; HEK11; HEK2; HEK3; HEK5; HEK6; HEP; HER2; HER3; HER4; HGFR; HSCR1; HTK; IGF1R; INSR; INSRR; insulin receptor protein-tyrosine kinase; IR; IRR; JTK12; JTK13; JTK14; JWS; K-SAM; KDR; KGFR; KIA0641; KIAA1079; KIAA1459; Kil; Kin15; Kin16; KIT; KLG; LTK; MCF3; Mdk1; Mdk2; Mdk5; MEhk1; MEN2A/B; Mep; MER; MERTK; MET; Mlk1; Mlk2; Mrk; MST1R; MTC1; MUSK; Myk1; N-SAM; NEP; NET; Neu; neurite outgrowth regulating kinase; NGL; NOK; nork; novel oncogene with kinase-domain; Nsk2; NTRK1; NTRK2; NTRK3; NTRK4; NTRKR1; NTRKR2; NTRKR3; Nuk; NYK; PCL; PDGFR; PDGFRA; PDGFRB; PHB6; protein-tyrosine kinase (ambiguous); protein tyrosine kinase (ambiguous); PTK; PTK3; PTK7; receptor protein tyrosine kinase; RET; RON; ROR1; ROR2; ROS1; RSE; RTK; RYK; SEA; Sek2; Sek3; Sek4; Sfr; SKY; STK; STK1; TEK; TIE; TIE1; TIE2; TIF; TKT; TRK; TRKA; TRKB; TRKC; TRKE; TYK1; TYRO10; Tyro11; TYRO3; Tyro5; Tyro6; TYRO7; UFO; VEGFR1; VEGFR2; VEGFR3; Vik; YK1; Yrk

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.7.10.1

Reaction

ATP + a [protein]-L-tyrosine = ADP + a [protein]-L-tyrosine phosphate

Notes

This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.

Storage and Shipping Information

Storage

Store it at +4 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.