

B lymphoid tyrosine kinase Human Recombinant

Item Number	rAP-1724
Synonyms	Tyrosine-protein kinase Blk, B lymphocyte kinase, p55-Blk, BLK, MODY11, MGC10442.
Description	BLK Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 525 amino acids (1-505 a.a.) and having a molecular mass of 59.8kDa.BLK is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	P51451
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGLVSSKKPD KEKPIKEKDK GQWSPLKVSA QDKDAPPLPP LVVFNHLTPP PPDEHLDEDK HFVVALYDYT AMNDRDLQML KGEKLQVLKG TGDWWLARS VTGREGYVPS NFVARVESLE MERWFFRSQG RKEAERQLLA PINKAGSFLI RE- SETNKGAFSLSVKDVTTQ GELIKHYKIR CLDEGGYYIS PRITFPSLQA LVQHYSKKGD GLCQRLTLPC VRPAPQNPWA QDEWEIPRQS LRLVRKLGSG QFGEVWMGY KNNMKVAIKT LKEGTMSP EALGEANVMKA LQHERLVRLY AVVTKEPIYI VTEYMARGCL LDFLKTDEGS RLSLPR LIDM SAQIAEGMAY IERMNSIHRD LRAANILVSE ALCKKIADFG LARIIDSEYT AQEGAK FPIK WTAPEDIAHFG VFTIKADVVS FGVLLMEVVT YGRVPYPGMS NPEVIRNLER GYRMPRPDTC PPELYRGVIA ECWRSRPEER
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Formulation and Purity	BLK protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 30% glycerol, 0.1M NaCl, 1mM DTT and 0.1mM PMSF. Greater than 80.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**