

Product datasheet for **AR50048PU-S**

BLK (1-505, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	BLK (1-505, His-tag) human recombinant protein, 50 µg
Species:	Human
Expression Host:	Baculovirus
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH</u> <u>SSGLVPRGSH</u> MGLVSSKKPD KEKPIKEKDK GQWSPLKVSA QDKDAPPLPP LVFNHLTPP PPDEHLDEDK HFVVALYDYT AMNDRDLQML KGEKLQVLKG TGDWWLARS LVTGREGYVPS NFVARVESLE MERWFFRSQG RKEAERQLLA PINKAGSFLI RESETNKGAF SLSVKDVTQ GELIKHYKIR CLDEGGYIS PRITFPSLQA LVQHYSKKGD GLCQRLTLP C VRPAPQNPWA QDEWEIPRQS LRLVRKLGSG QFGEVWVMGY KNNMKVAIKT LKEGTMSPEA FLGEANVMKA LQHERLVRLY AVVTKEPIYI VTEYMARGCL LDFLKTDEGS RLSLPRLIDM SAQIAEGMAY IERMNSIHRD LRAANILVSE ALCKKIADFG LARIIDSEYT AQEGAKFPIK WTAPEAIHFG VFTIKADVWS FGVLLMEVVT YGRVPYPGMS NPEVIRNLER GYRMPRPDTC PPELYRGVIA ECWRSRPEER PTFEFLQSVL EDFYTATERQ YELQP
Tag:	His-tag
Predicted MW:	59.8 kDa
Concentration:	lot specific
Purity:	>80% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 7.5) containing 50% glycerol, 0.25M NaCl, 5 mM DTT, 0.1 mM PMSF, 0.1M EDTA
Preparation:	Liquid purified protein
Protein Description:	Recombinant human BLK protein was expressed with N-terminal His-tag in High-Five cells using baculovirus expression system and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP_001317394</u>



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Locus ID: 640

UniProt ID: [E9PIX5](#)

Cytogenetics: 8p23.1

Synonyms: MODY11

Summary: This gene encodes a nonreceptor tyrosine-kinase of the src family of proto-oncogenes that are typically involved in cell proliferation and differentiation. The protein has a role in B-cell receptor signaling and B-cell development. The protein also stimulates insulin synthesis and secretion in response to glucose and enhances the expression of several pancreatic beta-cell transcription factors. [provided by RefSeq, Aug 2010]

Protein Families: Druggable Genome, Protein Kinase

Product images:

