

Product datasheet for **AR50048PU-N**

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

Product data:

Product Type:	Recombinant Proteins
Description:	BLK (1-505, His-tag) human recombinant protein, 0.25 mg
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 LVQHYSKKG DGLCQRLTLPC VRPAPQNPWA QDEWEIPRQS LRLVRKLGSG QFGEVWMGY 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: