

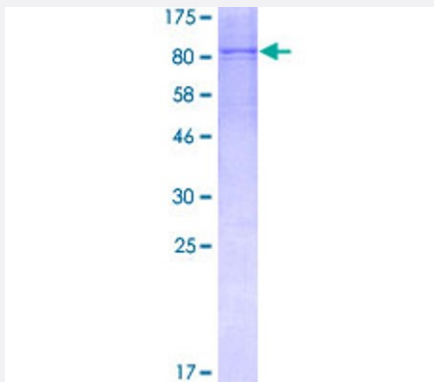
Full-Length

BLK (Human) Recombinant Protein (P01)

Catalog # H00000640-P01

Size 10 ug, 25 ug

Applications



Specification

Product Description

Human BLK full-length ORF (AAH07371, 1 a.a. - 505 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MGLVSSKKPDKEKPIKEKDKGQWSPKVSQAQDKDAPPLPPLVVFNHLTPPPPDEHLDEDKHFV
VALYDYTAMNDRDLQMLKGEKLQVLKGTGDWWLARS�VTGREGYVPSNFVARVESLEMERWFF
RSQGRKEAERQLLAPINKAGSFLIRESETNKGAFSLSVKDVTTQGELIKHYKIRCLDEGGYISPRIT
FPSLQALVQHYSKKGDGLCQRLTLPVVRPAPQNPWAQDEWEIPRQSLRLVRKLGSGQFGEVW
MGYYKNNMKVAIKTLKEGTMSPEAFLGEANVMKALQHERLVRLYAVVTKEPYMTEYMARGCLLD
FLKTDEGSRLSLPRLIDMSAQIAEGMAYIERMNSIHRDLRAANILVSEALCCKIADFGGLARIIDSEYTA
QEGAKFPIKWTAPETAIHFGVFTIKADVWSFGVLLMEVVTYGRVPYPGMSNPEVIRNLERGYRMPR
PDTCPPELYRGVIAECWRSRPEERPTFEFLQSVLEDFYTATERQYELQP

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

81.29

Interspecies Antigen Sequence

Mouse (86); Rat (87)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — BLK

Entrez GeneID	640
GeneBank Accession#	BC007371
Protein Accession#	AAH07371
Gene Name	BLK
Gene Alias	MGC10442
Gene Description	B lymphoid tyrosine kinase
Omim ID	191305
Gene Ontology	Hyperlink
Other Designations	BLK nonreceptor tyrosine kinase

Disease

- [Antiphospholipid Syndrome](#)

- [Arthritis](#)
- [Genetic Predisposition to Disease](#)
- [Giant Cell Arteritis](#)
- [Lupus Erythematosus](#)
- [Scleroderma](#)