

Full-Length

BANK1 (Human) Recombinant Protein (P01)

Catalog # H00055024-P01

Size 50 ug

Specification

Product Description

Human BANK1 full-length ORF (ABM85173.1, 1 a.a. - 755 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MIYEDAEWALYLTEVFLHVVKREAILLYRLENFSFRHLELLNLSYKCKLLILSNSLLRDLTPKKC
QFLEKILHSPKSVVTLLCGVKSSDQLYELLNISQSRWEISTEQEPEDYISVIQSIIFKDSEDYFEVNIPT
DLRAKHSGEISERKEIEELSEASRNTIPLAVVLPTEIPCENPGEIFILRDEVIGDTVEVEFTSSNKRIR
TRPALWNKKVWCMKALEFPAGSVHNVYCDGN/KATTKIKYYPTAKAKECLFRMADSGESLCQN
SIEELDGVLT SIFKHEIPYYEFQSLQTEIC SQNKYTHFKELPTLLHCAAKFGLKNLAIHLLQC SGATW
ASKMKNMEGSDPAHIAERHGHKELKKIFEDFSIQEIDINNEQENDYEEDIASFSTYIPSTQNPAFHHE
SRKTYGQSADGAEANEMEGEGKQNGSGMETKHSPLEVGSSESSEDQYDDL YVFIPGADPENNSQ
EPLMSSRPPLPPRPVANAFQLERPHFTLP GTMVEGQMERSQNWGHHPGVRQETGDEPKGEKE
KKEEEEKEQEEEEDPYTF AEIDDSEYDMILANLSIKKKTGSR SFIINRPPAPT RPTSIPPKEETPYIA
QVFQKQTARRQSDDDKFRGLPKKQDRARIESPAFSTLRGCLTDGQEELILLQEKVKNGKMSMDE
ALEKFKHWQMKGSGLEMIQKEKLRQLRDCIIGKRPEEENVYNKLTIVHHPGGKETAHNENKFYNV
HFSNKLPARPQVEKEFGFCCKKDH

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

109.45

Interspecies Antigen Sequence

Mouse (67); Rat (66)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

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 — BANK1

Entrez GeneID [55024](#)

GeneBank Accession# [DQ894247.2](#)

Protein Accession# [ABM85173.1](#)

Gene Name BANK1

Gene Alias BANK, FLJ20706, FLJ34204

Gene Description B-cell scaffold protein with ankyrin repeats 1

Omim ID [610292](#)

Gene Ontology [Hyperlink](#)

Gene Summary BANK1 is a B-cell-specific scaffold protein and LYN (MIM 165120) tyrosine kinase substrate that promotes tyrosine phosphorylation of inositol 1,4,5-trisphosphate receptors (see ITPR1; MIM 147265) (Yokoyama et al., 2002 [PubMed 11782428]).[supplied by OMIM]

Other Designations -

Disease

- [Antiphospholipid Syndrome](#)
- [Arthritis](#)
- [Autoimmune Diseases](#)
- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Giant Cell Arteritis](#)

- [Lupus Erythematosus](#)
- [Scleroderma](#)
- [Tobacco Use Disorder](#)