

Datasheet for ABIN7455719

BTK Protein (AA 1-659) (DYKDDDDK Tag)



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1 Image

Overview

Quantity:	10 µg
Target:	BTK
Protein Characteristics:	AA 1-659
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This BTK protein is labelled with DYKDDDDK Tag.

Product Details

Purpose:	Recombinant Human BTK Protein with C-terminal 3xFlag tag
Specificity:	BTK (Met1-Ser659) 3xFlag tag
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 85 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	BTK
Alternative Name:	BTK (BTK Products)
Background:	The protein encoded by this gene plays a crucial role in B-cell development. Mutations in this

Target Details

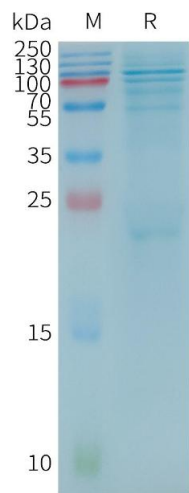
	gene cause X-linked agammaglobulinemia type 1, which is an immunodeficiency characterized by the failure to produce mature B lymphocytes, and associated with a failure of Ig heavy chain rearrangement. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Dec 2013]
Molecular Weight:	predicted molecular mass of 79.2 kDa after removal of the signal peptide.
UniProt:	Q06187
Pathways:	Fc-epsilon Receptor Signaling Pathway , Hormone Transport , Activation of Innate immune Response , Regulation of Leukocyte Mediated Immunity , Production of Molecular Mediator of Immune Response , Toll-Like Receptors Cascades , BCR Signaling

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Expiry Date:	12 months



SDS-PAGE

Image 1. Human BTK Protein, Flag Tag on SDS-PAGE under reducing condition.