Recombinant Cynomolgus macaques ABL1 protein (His tag)



Catalog Number:PDEC100003

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Synonyms Abelson tyrosine protein kinase 1;ABL 1;bcr/abl;JTK7;p150;Proto-oncogene c-

Abl;v abl

Species Cynomolgus macaques

Expression Host E.coli

Sequence Met 1-Phe 264
Accession A0A2K5X6F2
Calculated Molecular Weight 28.9 kDa
Observed molecular weight 35 kDa
Tag N-His

Properties

Purity > 95 % as determined by reducing SDS-PAGE.

Endotoxin Please contact us for more information.

Storage Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to

-80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots

of reconstituted samples are stable at < -20°C for 3 months.

Shipping This product is provided as lyophilized powder which is shipped with ice packs.

Formulation Lyophilized from sterile PBS, pH 7.4.

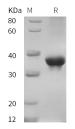
Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as

protectants before lyophilization.

Please refer to the specific buffer information in the printed manual.

Reconstitution Please refer to the printed manual for detailed information.

Data



> 95 % as determined by reducing SDS-PAGE.

Background

Protein kinase that regulates key processes linked to cell growth and survival. Regulates cytoskeleton remodeling during cell differentiation, cell division and cell adhesion. Localizes to dynamic actin structures, and phosphorylates CRK and CRKL, DOK1, and other proteins controlling cytoskeleton dynamics. Regulates DNA repair potentially by activating the proapoptotic pathway when the DNA damage is too severe to be repaired. Phosphorylates PSMA7 that leads to an inhibition of proteasomal activity and cell cycle transition blocks.

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