Recombinant Human TCL1A Protein

Catalog No.: RP03248

Sequence Information

Species
Human

Gene ID
8115

Swiss Prot
P56279

Tags
N-His

Synonyms
T-cell leukemia/lymphoma protein 1A; TCL1; TCL1A

Product Information

Source
E.coli

Purification
≥ 85 % as determined by SDS-PAGE.

Calculated MW
15.2 kDa

Observed MW
20-25 kDa

Endotoxin
Please contact us for more information.

Formulation
Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.5. Contact us for customized product form or formulation.

Reconstitution
Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Background

TCL1A is a member of the TCL1 family. TCL1 protooncogene is expressed in CD3-CD4-CD8- precursor T cells and is extinguished at the CD4+CD8+ stage of thymocyte development. In B cells, TCL1 is first expressed in pro-B cells and remains high in naive mantle zone B cells of peripheral lymphoid tissues. The TCL1 protooncogene is overexpressed in many mature B cell lymphomas, especially from AIDS patients. It has been demonstrated that TCL1 is a powerful oncogene that, when overexpressed in both B and T cells, predominantly yields mature B cell lymphomas. All TCL1 isoforms bind to the Akt pleckstrin homology domain.

Basic Information

Description
Recombinant Human TCL1A Protein is produced by E.coli expression system. The target protein is expressed with sequence (Ala2-Asp114) of human TCL1A (Accession #P56279) fused with His tag at the N-terminus.

Activity

Shipping
Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage
Store at -20℃

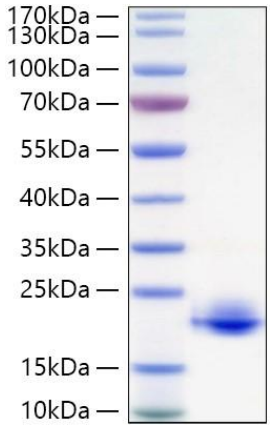
Operational Notes
For your safety and health, please wear a lab coat and disposable gloves for handling.

Contact

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For research use only. Not for therapeutic or diagnostic purposes.
Please visit http://abclonal.com for a complete listing of recommended products.

Validation Data



Recombinant Human TCL1A Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.