Recombinant Human Cbl-c/CBL-3 Protein (His &GST Tag)

Catalog Number: PKSH030531

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

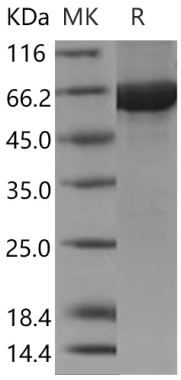
Description

Species	Human
Source	Baculovirus-Insect Cells-derived Human Cbl-c/CBL-3 protein Met 1-Ala474, with an N-terminal His & GST
Calculated MW	80.2 kDa
Observed MW	66 kDa
Accession	AAH28915.1
Bio-activity	Not validated for activity

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80 ℃. Reconstituted protein solution can be stored at 4-8℃ for 2-7 days. Aliquots of reconstituted samples are stable at < -20℃ for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from sterile 20mM Tris, 500mM Nacl, 10% glycerol, pH 8.0 Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 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

CBL proteins, such as Cbl-c, are phosphorylated upon activation of a variety of receptors that signal via protein tyrosine kinases. Through interactions with proteins containing SRC homology-2 (SH2) and SH3 domains, CBL proteins modulate downstream cell signaling. Cbl-c is a member of the Cbl family of E3 ubiquitin ligases. Expression of Cbl-c gene may be restricted to epithelial cells, and alternatively spliced transcript variants encoding multiple isoforms have been observed for Cbl-c gene.

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