

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

Catalog Number:PKSH030531

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

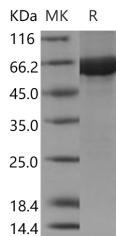
Description

Synonyms	CBL-3;CBL-SL;RNF57
Species	Human
Expression Host	Baculovirus-Insect Cells
Sequence	Met 1-Ala474
Accession	AAH28915.1
Calculated Molecular Weight	80.2 kDa
Observed molecular weight	66 kDa
Tag	N-His-GST

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per μ g 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°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 20mM Tris, 500mM NaCl, 10% glycerol, pH 8.0 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

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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