

Recombinant Human BOC Protein (His Tag)

Catalog No. PKSH032123

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

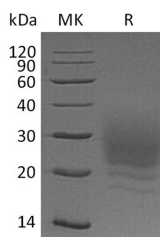
Description

Synonyms	BOC protein;Boc homolog (Mouse);isoform CRA_b;Brother of CDO;
Species	Human
Expression Host	HEK293 Cells
Sequence	Asp31-Ser157
Accession	Q96DN7
Calculated Molecular Weight	14.2 kDa
Observed molecular weight	20-38 kDa
Tag	C-His
Bioactivity	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°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 a 0.2 µm filtered solution of 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

Brother of CDO is a protein that in humans is encoded by the BOC gene. CDON and BOC are cell surface receptors of the immunoglobulin (Ig)/fibronectin type III repeat family involved in myogenic differentiation. CDON and BOC are

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coexpressed during development, form complexes with each other in a cis fashion, and are related to each other in their ectodomains, but each has a unique long cytoplasmic tail.