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Datasheet for ABIN7318205 BOC Protein (His tag)

Overview

Quantity:	50 µg
Target:	BOC
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This BOC protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human BOC Protein (His Tag)(Active)
Sequence:	Asp31-Ser157
Characteristics:	Recombinant Human Brother of CDO is produced by our Mammalian expression system and the target gene encoding Asp31-Ser157 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.
Biological Activity Comment:	Immobilized Human SHH(Cat: PKSM041194) at 2µg/ml(100 µl/well) can bind Human BOC-His. The ED50 of Human BOC-His is 106.3ug/ml .

Target Details

Target:	BOC
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Target Details

Alternative Name:	BOC (BOC Products)
Background:	<p>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 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.</p> <p>Synonym: BOC protein,Boc homolog (Mouse), isoform CRA_b,Brother of CDO,</p>
Molecular Weight:	14.2 kDa
UniProt:	Q96DN7
Pathways:	Regulation of Muscle Cell Differentiation , Skeletal Muscle Fiber Development

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	<p>Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C.</p> <p>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.</p>