

Active Recombinant Human BOC Protein, His-tagged

Cat. No. BOC-790H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human BOC (Accession # NP_150279) Asp31-Asp852 & Leu417-Asp852, fused with a C-terminal 6-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Human
Source	Mammalian Cells
ProteinLength	Asp31-Asp852 & Leu417-Asp852
Predicted N Terminal	Asp31 & Leu417
Form	Lyophilized from a 0.2 μ filtered solution in PBS.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized rhSHH at 4 μg/mL can bind rhBOC with an apparent KD < 5 nM.
Molecular Mass	Recombinant Human BOC, His-tagged has a calculated MW of 91.1 kDa. In SDS-PAGE migrates as 135 kDa, reducing conditions.
Purity	>85%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

Gene Name	BOC Boc homolog (mouse) [Homo sapiens]
Official Symbol	BOC
Gene ID	91653
mRNA Refseq	NM_033254.2
Protein Refseq	NP_150279.1
MIM	608708
UniProt ID	Q9BWV1
Chromosome Location	3q13.2

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