



Recombinant Protein Technical Manual
Recombinant Human BOC Protein (His Tag)(Active)
RPES3544

Product Data:

Product SKU: RPES3544

Size: 10µg

Species: Human

Expression host: Human Cells

Uniprot: Q96DN7

Protein Information:

Molecular Mass: 14.2 kDa

AP Molecular Mass: 27 kDa

Tag: C-6His

Bio-activity: 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 .

Purity: > 95 % as determined by reducing SDS-PAGE.

Endotoxin: < 1.0 EU per µg as determined by the LAL method.

Storage: 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, pH7.4.

Reconstitution: Please refer to the printed manual for detailed information.

Application: Functional ELISA

Synonyms: BOC protein;Boc homolog (Mouse); isoform CRA_b;Brother of CDO;

Immunogen Information:

Sequence: Asp31-Ser157

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.