General Information

Gene Name Synonym:
1200005K12Rik; B-CAM; Gplu; Lu

Protein Construction:
A DNA sequence encoding the extracellular domain of mouse BCAM (O9R069) (Met 1-Ala 541) was expressed, with a C-terminal polyhistidine tag.

Source: Mouse
Expression Host: Human Cells

QC Testing
Purity: > 98 % as determined by SDS-PAGE

Bio Activity:
Measured by the ability of the immobilized protein to support the adhesion of HOS human osteogenic sarcoma cells. When cells are added to coated plates (5 μg/mL, 100 μL/well), approximately 30-70% will adhere after 1 hour at 37°C.

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

Stability:
Samples are stable for up to twelve months from date of receipt at -70°C

Predicted N terminal: Glu 26

Molecular Mass:
The secreted recombinant mouse BCAM comprises 527 amino acids and has a calculated molecular mass of 58.3 kDa. As a result of glycosylation, the apparent molecular mass of rmBCAM is approximately 70-75 kDa in SDS-PAGE under reducing conditions.

Formulation:
Lyophilized from sterile PBS, pH 7.4

Usage Guide

Storage:
Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

Avoid repeated freeze-thaw cycles.

Reconstitution:
Detailed reconstitution instructions are sent along with the products.

References