

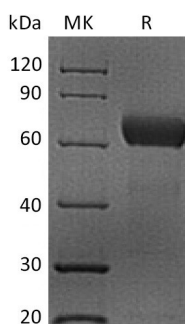
**Product Name: Recombinant Human SLAMF2 (C-mFc)**  
**Catalog #: PHH2034**



## Summary

<b>Name</b>	CD48/SLAMF2/SLAM Family Member 2/BCM1/BLAST1
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE
<b>Endotoxin level</b>	<1 EU/μg as determined by LAL test.
<b>Construction</b>	Recombinant Human SLAM Family Member 2 is produced by our Mammalian expression system and the target gene encoding Gln27-Ser220 is expressed with a mouse IgG1 Fc tag at the C-terminus.
<b>Accession #</b>	P09326
<b>Host</b>	Human Cells
<b>Species</b>	Human
<b>Predicted Molecular Mass</b>	48.9 KDa
<b>Formulation</b>	Lyophilized from a 0.2 μm filtered solution of 20 mM Tris-HCl, 150mM NaCl, pH 8.0.
<b>Shipping</b>	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
<b>Stability&amp;Storage</b>	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
<b>Reconstitution</b>	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

## SDS-PAGE image



## Background

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**Alternative Names**

CD48 antigen; B-lymphocyte activation marker BLAST-1; BCM1 surface antigen; Leukocyte antigen MEM-102; TCT.1; CD48; BCM1; BLAST1

**Background**

CD48 antigen, also known as B-lymphocyte activation marker BLAST-1, BCM1 surface antigen, Leukocyte antigen MEM-102, TCT.1, CD48, BCM1, and BLAST1, CD48 contains one Ig-like C2-type domain and one Ig-like V-type domain, but does not have a transmembrane domain, however, but is held at the cell surface by a GPI anchor via a C-terminal domain which maybe cleaved to yield a soluble form of the receptor. CD48 may facilitate interaction between activated lymphocytes and be involved in regulating T-cell activation. CD48 plays a vital role as an environmental sensor for regulating progenitor cell numbers and inhibiting tumor development. It is suggested that the anti-CD48 mAb has the potential to become an effective therapeutic mAb against multiple myeloma.

**Note**

For Research Use Only , Not for Diagnostic Use.