

# Recombinant Human CD48/SLAMF2 Protein (Fc Tag)

RPE8351



## Product Information

<b>Product SKU:</b> RPE8351	<b>Expression Host:</b> Mammalian	<b>Size:</b> 20µg
<b>Tag:</b> C-Fc	<b>Reactivity:</b> Human	<b>Accession:</b> P09326

## Additional Information

<b>Calculated MW:</b> 46.2 kDa	<b>Observed MW:</b> 60 kDa
<b>Sequence:</b> Gln27-Ser220	

## Protein Information

**Background:** Cluster of Differentiation 48 (CD48), also known as SLAMF2, BCM-1 and BLAST-1, is a GPI-linked protein belonging to the CD2 subfamily of immunoglobulin superfamily molecules. CD2 and 2B4 (CD244) are known ligands for CD48. CD48 protein is expressed on most lineage-committed hematopoietic cells but not on hematopoietic stem cells or multipotent hematopoietic progenitors. CD48 protein performs biological functions in a variety of processes including adhesion, pathogen recognition, cellular activation, and cytokine regulation, and emerges as a critical effector molecule in immune responses.

**Synonyms:** MEM, hCD, mCD, BCM, sgp, TCT, Leukocyte antigen MEM, B-lymphocyte activation marker BLAST, HM48, SLAMF, CD48, BCM1, BLAST, BLAST1, MEM-102, SLAMF2, hCD48, mCD48, BCM1 surface antigen, BLAST-1, B-lymphocyte activation marker BLAST-1, CD48 antigen, HM48-1, Leukocyte antigen MEM-102, MRC OX-45 surface antigen, sgp-60, TCT.1, BCM1, Sgp-60, SLAMF2, Antigen CD48, B cell membrane protein, B lymphocyte activation marker BLAST 1, B-cell activation marker, BCM 1 surface antigen, BLAST 1, CD 48, CD48 antigen (B cell membrane protein), CD48 molecule, CD48 protein, Leukocyte antigen MEM 102, MEM 102, MEM102, Signaling lymphocytic activation molecule 2, SLAM family member 2, SLAMF 2

**Endotoxin:** < 1.0 EU/mg of the protein as determined by the LAL method

**Formulation:** Lyophilized from a 0.2 µm filtered solution in PBS with 5% Trehalose and 5% Mannitol.

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**Purity:** > 90% as determined by reducing SDS-PAGE.

**Bio-Activity:** Not validated for activity

**Storage:** Generally, 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.