

Recombinant Mouse CD48/SLAMF2 Protein (His Tag)

RPES8498



Product Information

Product SKU: RPES8498	Expression Host: Mammalian	Size: 20µg
Tag: C-His	Reactivity: Mouse	Accession: P18181

Additional Information

Calculated MW: 21.3 kDa	Observed MW: 40-45 kDa
Sequence: Phe23-Ser217	

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: Bcm, sgp, HM48, BLAST, SLAMF, BCM1 surface antigen, BLAST-1, CD48 antigen, HM48-1, MRC OX-45 surface antigen, sgp-60, SLAMF2, Bcm-1, Cd48, BCM1, Sgp-60, AI449234, AW610730, BCM1, BLAST1, MEM-102, SLAM Family Member 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.

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.

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