
Recombinant Human CD48 Protein (His Tag)**Cat.NO.: TP07768**

3th Edition

Synonyms:BCM1;BLAST;Blast-1;BLAST1;hCD48;mCD48;MEM-102;SLAMF2**Description:**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.**Form:**PBS**Molecular Weight:**23.8 kDa**Sequences:**Met 1-Ser 220**Purity:**> 95% by HPLC**Concentration:****Endotoxin Level:**<1.0 EU per 1 µg of protein (determined by LAL method)**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.