

Active Recombinant Mouse Cd48, His-tagged

Cat. No. Cd48-459M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Cd48 (Accession # BAE96326) Phe23-Arg216, fused with a C-terminal 6-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Mouse
Source	Mammalian Cells
ProteinLength	23-216 a.a.
Predicted N Terminal	Phe23
Form	Lyophilized from a 0.2 µ filtered solution in PBS.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized rm2B4/Fc Chimera at 5 µg/mL (100 µL/well) can bind rmCD48 with a linear range of 0.15 - 10 µg/mL.
Molecular Mass	Recombinant Mouse Cd48, His-tagged has a calculated MW of 23.0 kDa. In SDS-PAGE migrates as 50-60 kDa, reducing conditions.
Purity	>97%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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GENE INFORMATION

Gene Name	Cd48 CD48 antigen [Mus musculus]
Official Symbol	Cd48
Synonyms	CD48; CD48 antigen; HM48-1; BCM1 surface antigen; MRC OX-45 surface antigen; BCM1; BLAST; Bcm-1; BLAST1; SLAMF2; Sgp-60; BLAST-1; MEM-102; AI449234; AW610730;
Gene ID	12506
mRNA Refseq	NM_007649
Protein Refseq	NP_031675
MIM	

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