

Recombinant Rat ICAM1 Protein (Gln28-Thr493), C-hFc-tagged

Product Information

Cat	<i>IMP-10404</i>
Official Symbol	<i>Icam1</i>
Product Overview	<i>Recombinant Rat ICAM-1/CD54 protein (Gln28-Thr493) with a Human IgG1 (Pro100-Lys330) Fc tag at C-terminus was expressed in Mouse myeloma cell line.</i>
Description	<i>This gene encodes a cell surface glycoprotein which is typically expressed on endothelial cells and cells of the immune system. It binds to integrins of type CD11a / CD18, or CD11b / CD18 and is also exploited by Rhinovirus as a receptor.</i>
Expression System	<i>Mouse myeloma cell line</i>
Species	<i>Rat</i>
Tag	<i>C-hFc</i>
Predicted N Terminal	<i>No results obtained: Gln28 predicted</i>
Form	<i>Lyophilized from a 0.2 µm filtered solution in PBS.</i>
Molecular Mass	<i>Predicted Molecular Mass: 78 kDa (monomer) SDS-PAGE: 110-125 kDa, reducing conditions</i>
Protein length	<i>Gln28-Thr493</i>
Bio-activity	<i>Measured by the ability of the immobilized protein to support the adhesion of PMA-stimulated HSB2 human peripheral blood acute lymphoblastic leukemia cells. When 5×10^4 cells/well are added to rrICAM/Fc Chimera coated plates (12.5 µg/mL with 100 µL/well), >20% will adhere after 1 hour incubation at 37 centigrade. Also supports adhesion (40-70%) of PMA treated rat Nb-211 cells when coated at 12.5 µg/mL. Optimal dilutions should be determined by each laboratory for each application.</i>
Endotoxin	
Purity	<i>>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.</i>
Notes	<i>Disulfide-linked homodimer</i>
Storage	<i>Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 centigrade as supplied. 1 month, 2 to 8 centigrade under sterile conditions after reconstitution. 3 months, -20 to -70 centigrade under sterile conditions after reconstitution.</i>

Reconstitution

Reconstitute at 400 µg/mL in sterile PBS.