

Active Recombinant Mouse Tcam1

Cat. No. Tcam1-453M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Tcam1 (Accession # BAB41106) Ala20-Gly483 & Glu22-Gly483 was produced in Mouse myeloma cell line, NS0-derived.
Species	Mouse
Source	Mammalian Cells
ProteinLength	20-483;22-483 a.a.
Predicted N Terminal	Ala20 & Glu22
Form	Lyophilized from a 0.2 µ filtered solution in PBS.
Bio-activity	Measured by the ability of the immobilized protein to support the adhesion of MLTC-1 mouse Leydig tumor cells. When 5×10^4 cells per well are added to TCAM-1 coated plates (5 µg/mL, 100 µL/well), approximately 65% - 85% will adhere after 45 minutes at 37 °C.
Molecular Mass	Recombinant Mouse Tcam1 has a calculated MW of 52 kDa. In SDS-PAGE migrates as 70-80 kDa, reducing conditions.
Purity	>95%, 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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

months (-70°C).

GENE INFORMATION

Gene Name Tcam1 testicular cell adhesion molecule 1 [Mus musculus (house mouse)]

Official Symbol Tcam1

Synonyms Tcam1; testicular cell adhesion molecule 1; AI429105; 4930570F09Rik

Gene ID 75870

mRNA Refseq NM_029467

Protein Refseq NP_083743

MIM

Chromosome Location 11 E1; 11 68.89 cM

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