

Active Recombinant Mouse AF251705, Fc Chimera

Cat. No. AF251705-457M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse AF251705 (Accession # BAC80269) was produced in Chinese Hamster Ovary cell line, CHO-derived.
Species	Mouse
Source	CHO
Predicted N Terminal	Cys22
Form	Lyophilized from a 0.2 µ filtered solution in PBS.
Bio-activity	Measured by its ability to inhibit anti-CD3-induced proliferation of stimulated human T cells. Human T lymphocytes cultured for 72 hours with PHA were incubated for an additional 3 days in 96 well plates coated with 500 ng/mL anti-CD3 and serially diluted Recombinant Mouse CD300c/LMIR2 Fc Chimera. The ED50 for this effect is typically 0.6-3 µg/mL. Optimal dilutions should be determined by each laboratory for each application.
Molecular Mass	Recombinant Mouse AF251705, Fc Chimera has a calculated MW of 46 kDa (monomer). In SDS-PAGE migrates as 55-65 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

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months (-70°C).

GENE INFORMATION

Gene Name	AF251705 cDNA sequence AF251705 [<i>Mus musculus</i> (house mouse)]
Official Symbol	AF251705
Synonyms	AF251705; cDNA sequence AF251705; CLM4; DIgR1; Igsf7; Lmir2; Cd300c; Cd300d; MAIR-II; CMRF35-like molecule; CLM; Cd300C antigen; Cd300D antigen; MAIR-2; dendritic cell-derived Ig-like receptor 1; dendritic cell-derived immunoglobulin receptor 1; immunoglobulin superfamily member 7; immunoglobulin superfamily, member 7; leukocyte mono-Ig-like receptor 2; myeloid-associated immunoglobulin-like receptor 2; myeloid-associated immunoglobulin-like receptor II
Gene ID	140497
mRNA Refseq	NM_134158
Protein Refseq	NP_598919
MIM	
UniProt ID	Q7TSN2
Chromosome Location	11 E2; 11 80.57 cM

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