Recombinant Mouse ICAM2 protein(Met 1-Gln 222)

Cat. No. ICAM2-1037M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse ICAM2 (NP_034624.1) (Met 1-Gln 222)was expressed in HEK293 with six amino acids (LEVLFQ) at the C-terminus.
Species	Mouse
Source	HEK293
ProteinLength	Met 1-Gln 222
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant mouse ICAM2 consists of 210 amino acids and has a calculated molecular mass of 23.6 kDa. The recombinant protein migrates as an approximately 38-42 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method
Purity	> 85 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

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	0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	Icam2 intercellular adhesion molecule 2 [Mus musculus]
Official Symbol	ICAM2
Synonyms	ICAM2; intercellular adhesion molecule 2; lymphocyte function-associated AG-1 counter-receptor; CD102; Ly-60; Icam-2;
Gene ID	15896
mRNA Refseq	NM_010494
Protein Refseq	NP_034624

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