

Recombinant Cynomolgus TNFSF12, Fc tagged

Cat. No. TNFSF12-8822C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus TNFSF12 (F7HGN4) (Ser94-His249), fused with the Fc region of mouse IgG1 at the N-terminus, was produced in Human Cells. Cynomolgus and Human TNFSF12 sequences are identical.
Species	Cynomolgus
Source	Human Cells
ProteinLength	94-249 a.a.
Predicted N Terminal	Asp
Form	Lyophilized from sterile PBS, pH 7.4 Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
Molecular Mass	The recombinant cynomolgus TNFSF12 is a disulfide-linked homodimer. The reduced monomer comprises 392 amino acids and has a calculated molecular mass of 43.8 KDa. The apparent molecular mass of it is approximately 34 and 47 KDa respectively in SDS-PAGE.
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Purity	(72.2+25.9) % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70oC.

 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

Storage Store it under sterile conditions at -20oC~-70oC. 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. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name TNFSF12?tumor necrosis factor (ligand) superfamily, member 12 [Macaca fascicularis?(crab-eating macaque)]

Official Symbol TNFSF12

Gene ID 102128998

mRNA Refseq XM_005582766

Protein Refseq XP_005582823

Chromosome Location 16

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