

Recombinant Cynomolgus DNASE1, Fc tagged

Cat. No. IL6ST-144C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus DNASE1 (NP_005214.2) (Met1-Ile618), fused with the Fc region of human IgG1 at the C-terminus, was produced in Human Cells.
Species	Cynomolgus
Source	Human Cells
ProteinLength	1-618 a.a.
Predicted N Terminal	Glu 23
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 IL6ST is a disulfide-linked homodimer. The reduced monomer comprises 837 amino acids and has a calculated molecular mass of 94.8 KDa. The apparent molecular mass of the protein is approximately 116 KDa respectively in SDS-PAGE.
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Purity	>85 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70oC.

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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	DNASE1?deoxyribonuclease I [?Macaca fascicularis?(crab-eating macaque)]
Official Symbol	DNASE1
Gene ID	102133646
mRNA Refseq	XM_005591097
Protein Refseq	XP_005591154
Chromosome Location	20

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