# Mouse CTLA-4/CD152 (Fc Tag) recombinant protein

Catalog Number: 501051

# **General Information**

#### Gene Name Synonym

Cytotoxic T-lymphocyte-associated antigen 4

# **Protein Construction**

A DNA sequence encoding the extracellular domain of mouse CTLA4 (NP\_033973.2) (Met 1-Phe 162) was fused with the Fc region of human IgG1 at the C-terminus.

#### Organism

Mouse

# **Expression Host**

Human Cells

# **QC Testing**

#### Purity

> 95 % as determined by SDS-PAGE

# Endotoxin

< 1.0 EU per  $\mu g$  of the protein as determined by the LAL method

# Stability

Samples are stable for up to twelve months from date of receipt at -70  $^\circ \rm C$ 

# **Predicted N terminal**

Glu 36

# **Molecular Mass**

The secreted recombinant mouse CTLA4/Fc is a disulfide-linked homodimeric protein. The reduced

monomer comprises 368 amino acids and has a predicted molecular mass of 41 kDa. As a result of glycosylation, the apparent molecular mass of rm CTLA4/Fc monomer is approximately 55 kDa in SDS-PAGE under reducing conditions.

#### Formulation

Lyophilized from sterile PBS, pH 7.41. 5 % trehalose and mannitol are added as protectants before lyophilization.2. Please contact us for any concerns or special requirements.

# **Usage Guide**

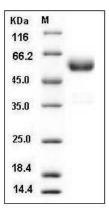
#### Storage

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

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

#### **SDS-PAGE**



Mouse CTLA4 / CD152 Protein (Fc Tag) SDS-PAGE

