

General Information

Gene Name Synonym

Proto-oncogene c-Mer; Receptor tyrosine kinase MerTK

Protein Construction

The mature form of human Mer (NP_006334.2) extracellular domain (Met 1-Ala 499) with five amino acids (DDDDK) at the C-terminus was expressed and purified.

Organism

Human

Expression Host

Human Cells

QC Testing

Purity

> 85 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per μg of the protein as determined by the LAL method

Stability

Samples are stable for up to twelve months from date of receipt at -70°C

Predicted N terminal

Ala 21

Molecular Mass

The recombinant human Mer consists of 485 amino acids and predicts a molecular mass of 54 kDa. As a result of glycosylation, the rhMer migrates as approximately 110-120 kDa band in SDS-PAGE under reducing conditions.

Formulation

Lyophilized from sterile 100mM NaCl, 50mM Tris, pH 7.5

1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

Usage Guide

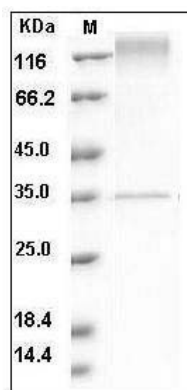
Storage

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



Human MERTK / Mer Protein