

Human PON3 (50 Ser/Asn, His Tag) recombinant protein



Catalog Number: 502632

General Information

Protein Construction

A DNA sequence encoding the human PON3 (Q15166-1) (Met 1-Leu 354) (50 Ser/Asn) was expressed, with a polyhistidine tag at the N-terminus.

Organism

Human

Expression Host

Baculovirus-Insect 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

Met

Molecular Mass

The recombinant human PON3 consists of 373 amino acids and predicts a molecular mass of 42 kDa. It migrates as an approximately 45 kDa band

in SDS-PAGE under reducing conditions.

Formulation

Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 8.0, 1mM CaCL₂, 10% gly, 0.1% DDM
1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

Usage Guide

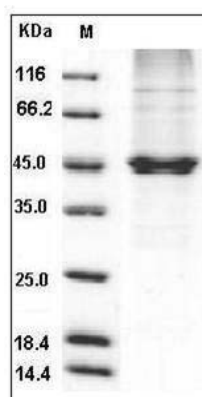
Storage

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 PON3 / Paraoxonase 3 Protein (50 Ser/Asn, His Tag) SDS-PAGE