

Human SMAC/Diablo (His Tag) recombinant protein



Catalog Number: 500785

General Information

Gene Name Synonym

Direct IAP-binding protein with low pI; Second mitochondria-derived activator of caspase

Protein Construction

A DNA sequence encoding the mitochondrial-located form of human Diablo (NP_063940.1) (Ala 56-Asp 239) was expressed with a polyhistidine tag at the C-terminus.

Organism

Human

Expression Host

E. coli

QC Testing

Activity

Measured by its binding ability in a functional ELISA.

Immobilized recombinant human SMAC-His (Cat:500785) at 10 µg/ml (100 µl/well) can bind recombinant human XIAP-AVI (Cat:502786) with a linear range of 0.125-1.0 µg/ml.

Purity

> 90 % as determined by SDS-PAGE

Endotoxin

Please contact us for more information.

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 Diablo/SMAC consists of 191 amino acids and migrates as polypeptide of 22 kDa as estimated by SDS-PAGE under reduced and non-reduced conditions.

Formulation

Lyophilized from sterile PBS, pH 7.4

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

Usage Guide

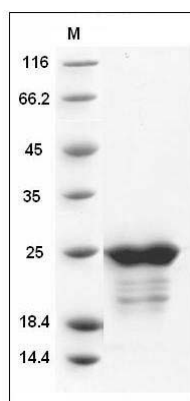
Storage

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 SMAC / Diablo Protein (His Tag) SDS-PAGE