

Human MSH2/hMSH2 (His & GST Tag) recombinant protein



Catalog Number: 501860

General Information

Gene Name Synonym

MutS protein homolog 2

Protein Construction

A DNA sequence encoding the human MSH2 (NP_000242.1) (Met1-Thr934) was expressed with a C-terminal polyhistidine-tagged GST tag at the N-terminus (his-GST).

Organism

Human

Expression Host

Baculovirus-Insect Cells

QC Testing

Purity

> 90 % as determined by SDS-PAGE.

Endotoxin

< 1.0 EU per μg 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 MSH2 consists 1171 amino acids and predicts a molecular mass of 132.6 kDa.

Formulation

Lyophilized from sterile 20 mM Tris, 500 mM NaCl, pH 7.4, 10 % glycerol, 20 mM GSH. 1. 5 % trehalose and mannitol are added as protectants before lyophilization. 2. Please contact us for any concerns or special requirements.

Usage Guide

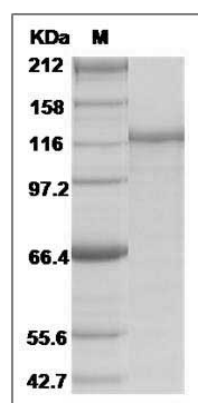
Storage

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



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