

Human ORP150/HYOU1/HSP12A (Grp170) (His Tag) recombinant protein



Catalog Number: 501901

General Information

Protein Construction

A DNA sequence encoding the C-terminal segment of human HSP12A (NP_001124463.1) (Met 695-Leu 994) was expressed, fused with a polyhistidine tag at the C-terminus and a signal peptide at the N-terminus.

Organism

Human

Expression Host

Human Cells

QC Testing

Purity

> 97 % 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 695

Molecular Mass

The recombinant human HSP12A consists of 311 amino acids and predicts a molecular mass of

35.2 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rh HSP12A is approximately 55-65 kDa due to glycosylation.

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

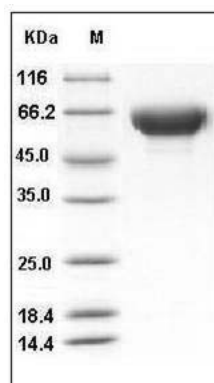
Storage

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 ORP150 / HYOU1 / HSP12A Protein (His Tag) SDS-PAGE