

Human ALOX5AP / 5-lipoxygenase-activating protein (His Tag)



Catalog Number: 502683

General Information

Gene Name Synonym

FLAP; MK-886-binding protein

Protein Construction

A DNA sequence encoding the full length of human ALOX5AP (NP_001620.2) (Met 1-Pro 161) was fused with a polyhistidine tag at the carboxy-terminus.

Organism

Human

Expression Host

Baculovirus-Insect Cells

QC Testing

Purity

> 90 % 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 1

Molecular Mass

The recombinant human ALOX5AP consists of 167 amino acids and predicts a molecular mass of 19 kDa as estimated in SDS-PAGE under reducing conditions.

Formulation

Lyophilized from sterile 20mM Tris, 150mM NaCl, 10% gly, pH 7.4, 0.5% triton, 5mM DTT

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

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

Usage Guide

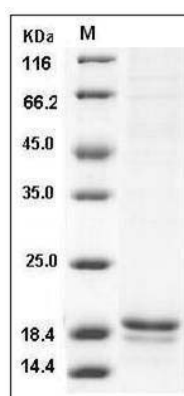
Storage

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 ALOX5AP / FLAP Protein (His Tag) SDS-PAGE