

General Information

Gene Name Synonym

Chloride channel 7 beta subunit

Protein Construction

A DNA sequence encoding the extracellular domain of human OSTM1 (NP_054747.2) (Met 1-Pro 284) was expressed, fused with a C-terminal polyhistidine tag.

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

Ala 32

Molecular Mass

The recombinant human OSTM1 comprises 264 amino acids and has a calculated molecular mass of 29.7 kDa. As a result of glycosylation, the recombinant protein migrates as an approximately 40-50 kDa protein in SDS-PAGE under reducing 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

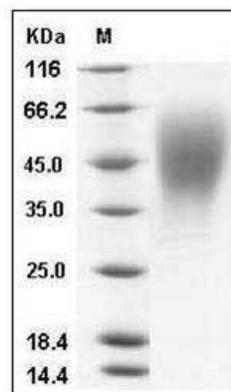
Store it under sterile conditions at -20°C to -80°C .

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 OSTM1 Protein (His Tag) SDS-PAGE