Human EDAR/Ectodysplasin A Receptor (Fc Tag) recombinant protein

Catalog Number: 503145

General Information

Gene Name Synonym

Anhidrotic ectodysplasin receptor 1; Downless homolog; EDA-A1 receptor; Ectodermal dysplasia receptor; Ectodysplasin-A receptor

Protein Construction

A DNA sequence encoding the human EDAR (NP_071731.1) extracellular domain (Met 1-Ile 189) was fused with the Fc region of human IgG1 at the C-terminus.

Organism

Human

Expression Host

Human Cells

QC Testing

Purity

> 96 % 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℃

Predicted N terminal

Glu 27

Molecular Mass

The recombinant human EDAR/Fc is a disulfide-linked homodimeric protein. The reduced monomer consists of 404 amino acids and predicts a molecular mass of 44.6 kDa. As a result of glycosylation, the apparent molecular mass of rh EDAR/Fc monomer is approximately 52 kDa 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

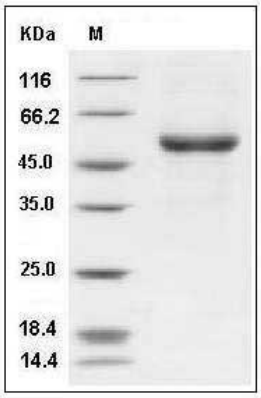
Storage

Store it under sterile conditions at -20℃ to -80℃. 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 EDAR / DL Protein (Fc Tag) SDS-PAGE