

Mouse RAGE / AGER (His Tag) recombinant protein



Catalog Number: 501782

General Information

Gene Name Synonym

Advanced glycosylation end product-specific receptor; Advanced glycosylation end product-specific receptor, isoform CRA_b; RAGE

Protein Construction

A DNA sequence encoding the extracellular domain of mouse AGER (NP_031451.2) extracellular domain (Met 1-Ala 342) was expressed, with a polyhistidine tag at the C-terminus.

Organism

Mouse

Expression Host

Human Cells

QC Testing

Activity

Measured by its ability to bind mouse HMGB1-Fc in functional ELISA.

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°C

Predicted N terminal

Gln 24

Molecular Mass

The recombinant mouse AGER consists of 330 amino acids and has a predicted molecular mass of 35.3 kDa. In SDS-PAGE under reducing conditions, rm AGER migrates as an approximately 48 kDa band 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

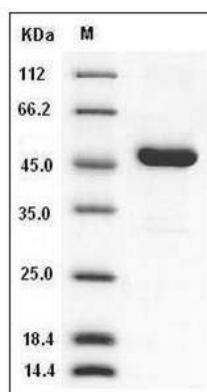
Storage

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



Mouse AGER / RAGE Protein (His Tag) SDS-PAGE