Catalog Number: 502841



# **General Information**

#### **Protein Construction**

A DNA sequence encoding the human DPEP2 (AAH24021.1) (Met1-Ser376) was expressed, fused with the Fc region of human IgG1 at the Cterminus.

#### Organism

Human

## **Expression Host**

Human Cells

# **QC Testing**

## Purity

> 95 % as determined by SDS-PAGE

#### Endotoxin

< 1.0 EU per  $\mu g$  of the protein as determined by the LAL method

# Stability

Samples are stable for up to twelve months from date of receipt at -70  $^\circ \rm C$ 

# **Predicted N terminal**

Ala 33

# **Molecular Mass**

The recombinant human DPEP2/Fc is a disulfidelinked homodimer. The reduced monomer comprises 585 amino acids and has a predicted molecular mass of 65 kDa. The apparent molecular mass of the protein is approximately 43-49 kDa in SDS-PAGE under reducing conditions.

### Formulation

Lyophilized from sterile PBS, pH 7.41. 5 % trehalose and mannitol are added as protectants before lyophilization.2. Please contact us for any concerns or special requirements.

# **Usage Guide**

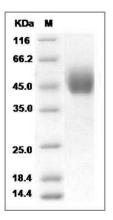
## Storage

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 MBD2 / DPEP2 Protein (Fc Tag) SDS-PAGE