# Human CD23/FCER2 (His Tag) recombinant protein

Catalog Number: 501653



### **General Information**

# **Gene Name Synonym**

BLAST-2; C-type lectin domain family 4 member J; Fc-epsilon-RII; Immunoglobulin E-binding factor; Lymphocyte IgE receptor; Low affinity immunoglobulin epsilon Fc receptor membrane-bound form; Low affinity immunoglobulin epsilon Fc receptor soluble form

#### **Protein Construction**

A DNA sequence encoding the human CD23 isoform 2 (P06734-1) extracellular domain (Asp 48-Ser 321) was expressed, with a polyhistidine tag at the N-terminus.

# **Organism**

Human

# **Expression Host**

**Human Cells** 

# **QC Testing**

# **Purity**

> 96 % 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°C

# Predicted N terminal

His

#### **Molecular Mass**

The recombinant human CD23 consists of 290 amino acids and has a calculated molecular mass of 33.2 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rhCD23 is approximately 44 kDa 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**

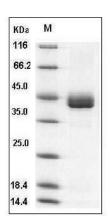
# **Storage**

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**



Human CD23 / FCER2 Protein (His Tag) SDS-PAGE