

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

HUMAN CD23 PROTEIN, HIS TAG

Cat.#: 11440 Product Name: Human CD23 Protein Size: 10 µg, 50 µg and 100 µg Synonyms: BLAST-2;CD23;CD23A;CLEC4J;FCE2;IGEBF Target: CD23 UNIPROT ID: P06734

Description: Recombinant human CD23 protein with N-terminal 6xHis tag

Background: The protein encoded by this gene is a B-cell specific antigen, and a low-affinity receptor for IgE. It has essential roles in B cell growth and differentiation, and the regulation of IgE production. This protein also exists as a soluble secreted form, then functioning as a potent mitogenic growth factor. Alternatively spliced transcript variants encoding different isoforms have been described for this gene.[provided by RefSeq, Jul 2011]

Species/Host: HEK293

Molecular Weight: The protein has a predicted molecular mass of 31.8 kDa after removal of the signal peptide. The apparent molecular mass of His-CD23 is approximately 35-55 kDa due to glycosylation.

Molecular Characterization: 6×His tag CD23(Asp48-Ser321)

Purity: The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.

Formulation & Reconstitution: Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

Storage & Shipping: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.



Product Description

Pioneering GTPase and Oncogene Product Development since 2010

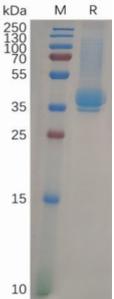


Figure 1. Human CD23 Protein, His Tag on SDS-PAGE under reducing condition.