

PRODUCT INFORMATION

Target	CD23
Synonyms	BLAST-2;CD23;CD23A;CLEC4J;FCE2;IGEBF
Description	Recombinant human CD23 protein with N-terminal 6×His tag
Delivery	In Stock
Uniprot ID	P06734
Expression Host	HEK293
Tag	N-6×His Tag
Molecular Characterization	6×His tag CD23(Asp48-Ser321)
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.
Purity	The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
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.
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]
Usage	Research use only
Conjugate	Unconjugated



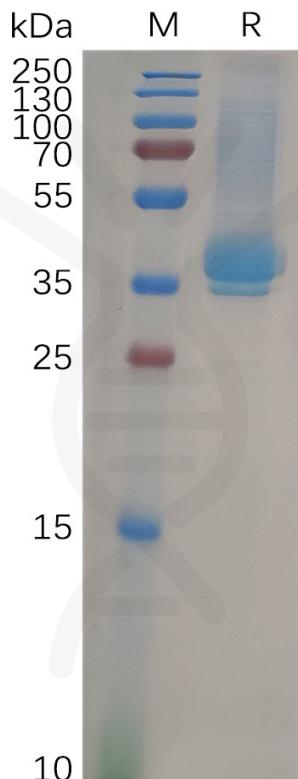


Figure 1. Human CD23 Protein, His Tag on SDS-PAGE under reducing condition.

