

Recombinant Human Fc Fragment Of IgE, Low Affinity II, Receptor For (CD23)

Cat. No. FCER2-4261H Lot. No. (See product label)

SPECIFICATION

Product Overview	CD23 Human Recombinant (aa 48-248) expressed in E.coli, shows a 48 kDa band on SDS-PAGE. The CD23 is purified by proprietary chromatographic techniques.
Species	Human
Source	Human
ProteinLength	48-248 a.a.
Description	CD23 is a 45kDa glycoprotein, which is present on a subpopulation of freshly isolated peripheral blood and tonsil B cells and strongly expressed on EBV-transformed B lymphoblasts. The CD23 molecule is identical to the low affinity IgE receptor found on B cells. Expression of CD23 has been detected in neoplastic cells from cases of B cell chronic lymphocytic leukaemia and some cases of centroblastic/centrocytic lymphoma.
Form	CD23 at 100g/ml in 50mM Tris-Acetate, pH7.5, 1mM EDTA and 20% Glycerol.
Physical Appearance	Sterile Filtered clear solution.
Storage	Store vial at -20°C to -80°C. When stored at the recommended temperature, this protein is stable for 12 months. Please prevent freeze-thaw cycles.

GENE INFORMATION

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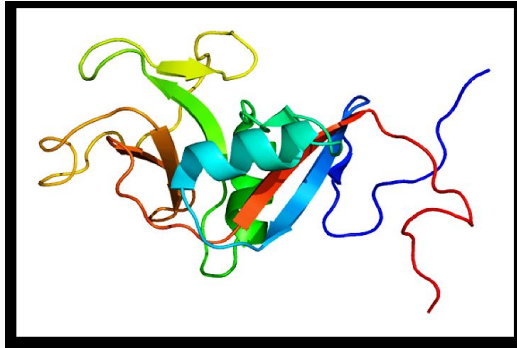
Gene Name	FCER2 Fc fragment of IgE, low affinity II, receptor for (CD23) [Homo sapiens]
Official Symbol	FCER2
Synonyms	FCER2; Fc fragment of IgE, low affinity II, receptor for (CD23); CD23; FCE2; CD23A; IGBEF; CLEC4J; low affinity immunoglobulin epsilon Fc receptor; BLAST-2; CD23 antigen; fc-epsilon-RII; lymphocyte IgE receptor; immunoglobulin E-binding factor; C-type lectin domain family 4 member J; C-type lectin domain family 4, member J; Low affinity immunoglobulin epsilon Fc receptor; Fc-epsilon-RII; Immunoglobulin E-binding factor; Lymphocyte IgE receptor; Fc fragment of IgE, low affinity II, receptor for (CD23A)
Gene ID	2208
mRNA Refseq	NM_001207019
Protein Refseq	NP_001193948
MIM	151445
UniProt ID	P06734
Chromosome Location	19p13.3
Pathway	Hematopoietic cell lineage; IL-3 Signaling Pathway; IL4-mediated signaling events
Function	IgE binding; binding; integrin binding; metal ion binding; receptor activity; sugar binding

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