

## Product datasheet for **TP710039**

### CD23 (FCER2) (NM\_002002) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human Fc fragment of IgE, low affinity II, receptor for (CD23) (FCER2), transcript variant 1, residues 48-321aa, with C-terminal DDK tag, expressed in sf9 cells.
Species:	Human
Expression Host:	Sf9
Expression cDNA Clone or AA Sequence:	A DNA sequence from TrueORF clone, RC204335, encoding the region (Asp48-Ser321) of human FCER2
Tag:	C-DDK
Predicted MW:	31 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	50 mM Tris-HCl, pH 8.0, 150 mM NaCl, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_001993</a>
Locus ID:	2208
UniProt ID:	<a href="#">P06734</a>
RefSeq Size:	1620
Cytogenetics:	19p13.2
RefSeq ORF:	963
Synonyms:	BLAST-2; CD23; CD23A; CLEC4J; FCE2; IGBF



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**Summary:**

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]

**Protein Families:**

Secreted Protein, Transmembrane

**Protein Pathways:**

Hematopoietic cell lineage

**Product images:**