

## Product datasheet for **TP723391**

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

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human Fc fragment of IgE, low affinity II, receptor for (CD23) (FCER2), transcript variant 1.
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MELQVSSGFV CNTCPEKWIN FQRKCYFYGK GTKQVWHARY ACDDMEGQLV SIHSPEEQDF LTKHASHTGS WIGLRNLDLK GEFWVDGSH VDYSNWAPGE PTSRSQGEDC VMMRGSGRWN DAFCDRKLGA WVCDRLATCT PPASEGSAES MGPDSRPDPD GRLPTPSAPL HS
Tag:	Tag Free
Predicted MW:	19.2 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Lyophilized from a 0.2 $\mu$ M filtered solution of 20mM phosphate buffer, 100mM NaCl, pH 7.2
Bioactivity:	Measured by its ability to induce TNF-alpha production by human PBMCs.
Endotoxin:	Endotoxin level is < 0.1 ng/ $\mu$ g of protein (< 1 EU/ $\mu$ g)
Storage:	Store at -80°C.
Stability:	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
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; IGEBF



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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:**