

Recombinant Full Length Human FCER2 Protein

Cat. No. FCER2-4730HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human FCER2 full-length ORF (NP_001993.2) recombinant protein without tag.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	348 amino acids
Description	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]
Form	Liquid
Molecular Mass	36.5 kDa
AA Sequence	MEEGQYSEIEELPRRRCCRRGTQIVLLGLVTAALWAGLLTLLLLWHWDTTQSLKQLE ERAARNVSQVSKNLESHHGDQMAQKSQSTQISQELEELRAEQQLKSQDLELSWN LNGLQADLSSFKSQELNERNEASDLLERLREEVTKLRMELQVSSGFVCNTCPEKWI NFQRKCYFYGKGTKQWVHARYACDDMEGQLVSIHSPEEQDFLTKHASHTGSWIGL RNLDLKGEFIWVDGSHVDYSNWAPGEPTSRSQGEDCVMMRGSGRWNDAFCDRKL GAWVCDRLATCTPPASEGSAESMGPDSPDPDGRLLPTPSAPLHS

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Applications	Antibody Production Functional Study Compound Screening
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	25 mM Tris-HCl of pH 8.0 containing 2% glycerol.

GENE INFORMATION

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); CD23A, Fc fragment of IgE, low affinity II, receptor for (CD23A) , FCE2; low affinity immunoglobulin epsilon Fc receptor; CD23; CLEC4J; BLAST-2; CD23 antigen; fc-epsilon-RII; lymphocyte IgE receptor; immunoglobulin E-binding factor; C-type lectin domain family 4, member J; FCE2; CD23A; IGEBF;
Gene ID	2208
mRNA Refseq	NM_001207019
Protein Refseq	NP_001193948
MIM	151445
UniProt ID	P06734

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